

V. Ocean Monitoring Data Summary

- A. Ocean Sediment Chemistry Data Tables.
- B. Fish Tissue Chemistry Data Tables.

Maps, with sampling sites labeled, are included in this section.

Summary of Sampling Technique<sup>5</sup>:

Sediments

Benthic samples are obtained with a chain-rigged van Veen grab from the City's ocean monitoring program vessels. The grab takes 0.1m<sup>2</sup> of sediment surface. Only grab samples with an undisturbed sediment surface are used. Only the top 2 cm of sediment material in the van Veen grab is taken for chemical analyses. Samples are placed directly into the appropriate labeled container and placed on ice for shipment to the laboratory for analysis. Preservatives are used in accordance with the requirements of 40 CFR and our Quality Assurance Plan. Sediment concentrations are on a based on dry weight of sample.

Fish Tissue

Several species of flat fish and rock fish are taken by Otter trawls and/or rig fishing. The dissected muscle and liver tissues are frozen and delivered to the laboratory for analysis. Tissue samples are kept frozen until prepared for analyses.

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<sup>5</sup> For complete description of the sampling protocols, dissections, equipment, vessels, etc. related to the sampling of ocean sediments and fish, please refer to the City of San Diego, Annual Receiving Waters Monitoring Report 2000

#### A. Ocean Sediment Chemistries.

The data for Biochemical Oxygen Demand (BOD) and Total Volatile Solids (TVS), all measures of organic enrichment, as well as total sulfides and temperature, are all presented by quarter and averaged. The quarterly particle size analysis does not lend itself to summarization and each quarter's analysis is presented separately. For the data from all the metals, cyanide, radiation and all of the numerous organic priority pollutant analyses (except dioxin, presented by quarter) only the average of the four quarters is presented here; the values for each quarter has been reported in the Quarterly Monitoring Reports and are on file.

Benthic sampling stations are identified by either a 3-digit number and/or a letter-number identification code. All "A" stations are 100 series and "B" stations are 200 series designations. For example, the station A-15 is also called 115 and station B-7 would be 207. The 27 benthic stations sampled this year are identified on the preceding map and cross-referenced below. No Duplicate field stations taken this year

#### Station

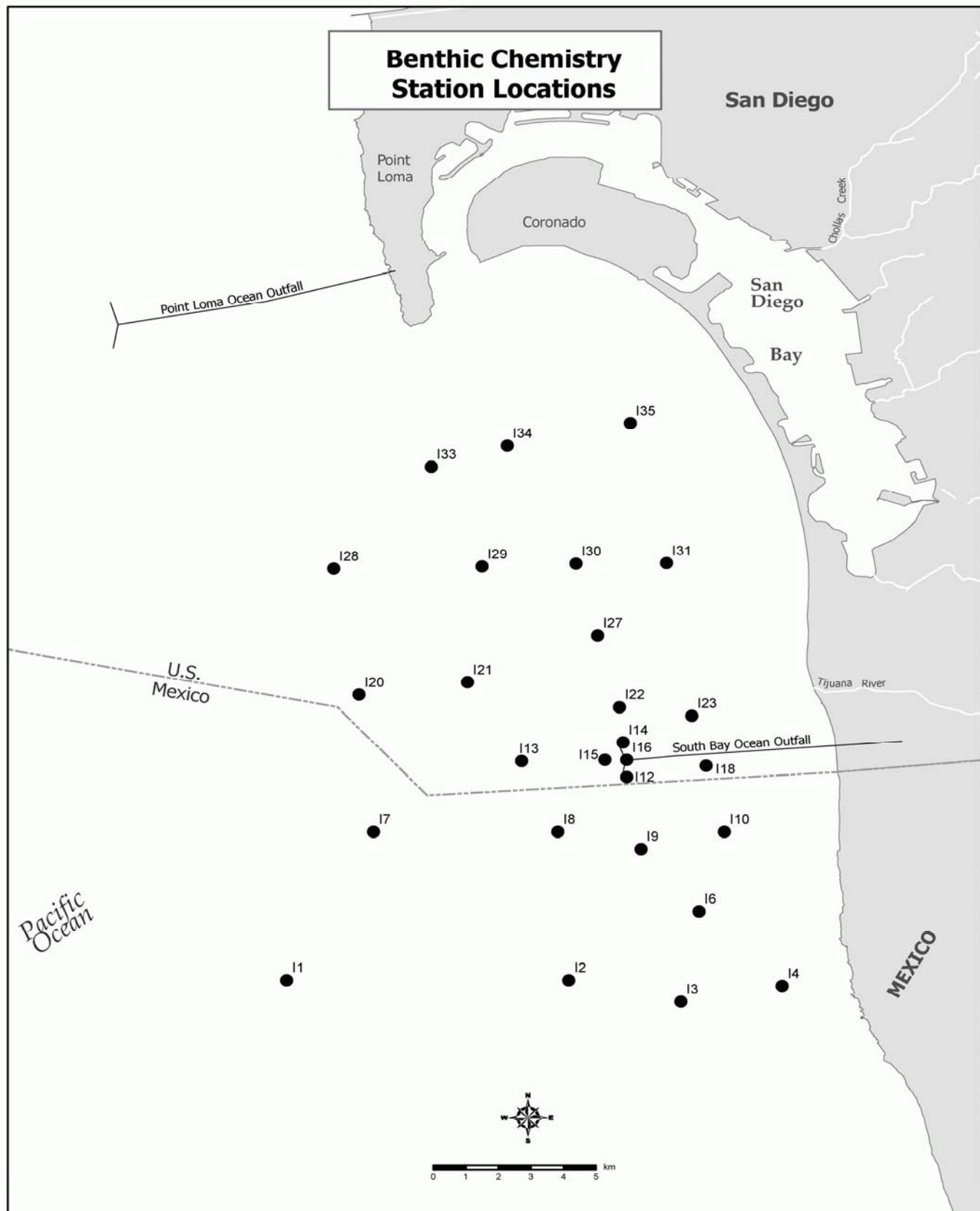
I-1	I-12	I-23
I-2	I-13	I-27
I-3	I-14	I-28
I-4	I-15	I-29
I-6	I-16	I-30
I-7	I-18	I-31
I-8	I-20	I-33
I-9	I-21	I-34
I-10	I-22	I-35

#### 2006 Random Stations

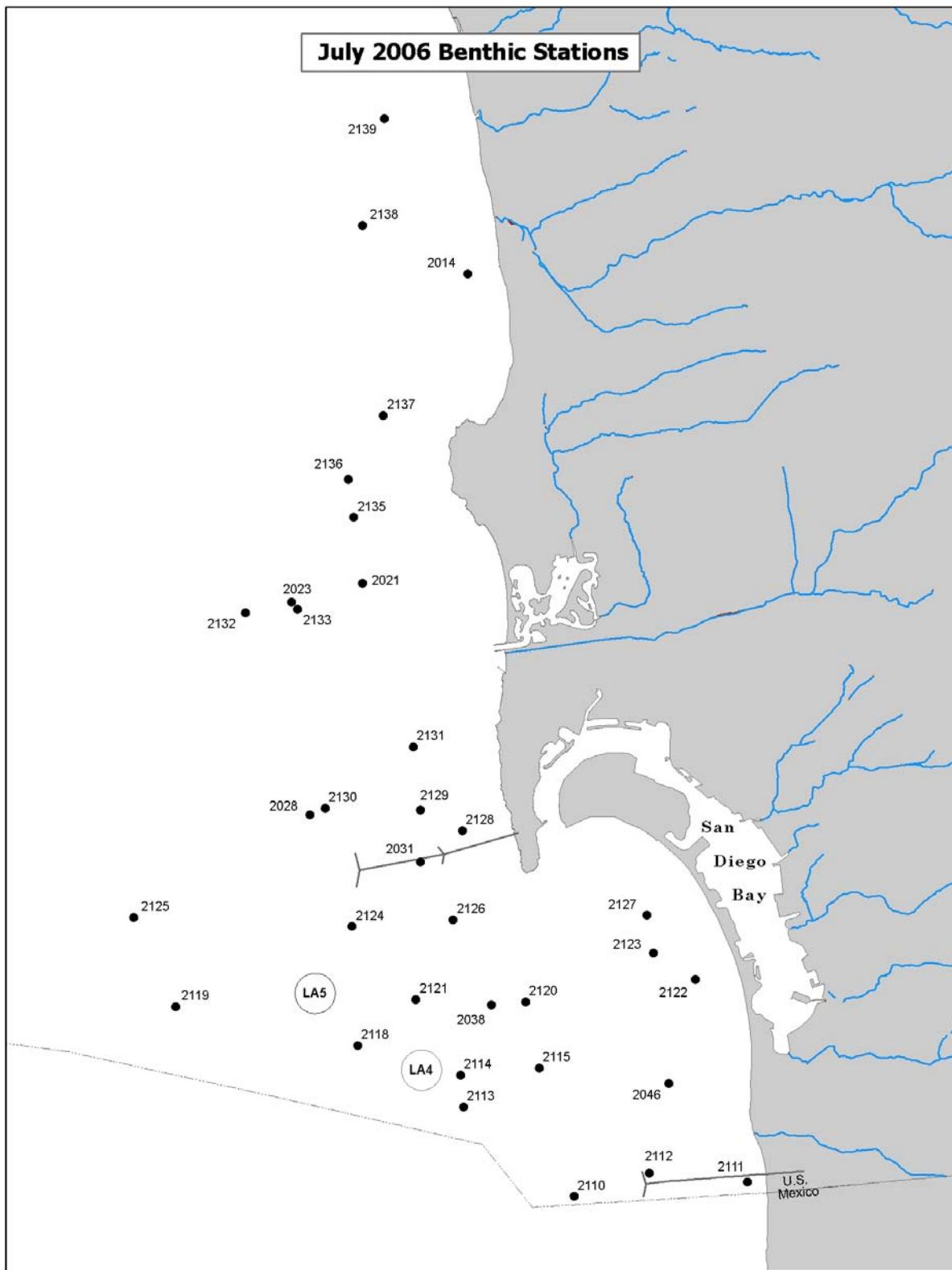
Source	Sample Date	Source	Sample Date	Source	Sample Date
2014	21-AUG-2006	2115	14-AUG-2006	2130	18-AUG-2006
2019*	21-AUG-2006	2116*	14-AUG-2006	2131	18-AUG-2006
2021	22-AUG-2006	2117*	18-AUG-2006	2132	22-AUG-2006
2023	22-AUG-2006	2118	17-AUG-2006	2133	22-AUG-2006
2024*	21-AUG-2006	2119	18-AUG-2006	2134*	21-AUG-2006
2028	18-AUG-2006	2120	14-AUG-2006	2135	21-AUG-2006
2031	17-AUG-2006	2121	17-AUG-2006	2136	21-AUG-2006
2038	17-AUG-2006	2122	14-AUG-2006	2137	21-AUG-2006
2043*	22-AUG-2006	2123	14-AUG-2006	2138	21-AUG-2006
2046	14-AUG-2006	2124	17-AUG-2006	2139	21-AUG-2006
2110	14-AUG-2006	2125	18-AUG-2006		
2111	14-AUG-2006	2126	17-AUG-2006		
2112	14-AUG-2006	2127	14-AUG-2006		
2113	17-AUG-2006	2128	17-AUG-2006		
2114	17-AUG-2006	2129	17-AUG-2006		

\* = Station abandoned, no samples taken.

SBWRP Benthic (ocean sediment) stations.



## 2006 San Diego Benthic Mini-Regional Stations map



SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - International Stations  
 Sulfide and Total Volatile Solids Analysis  
 From 01-JAN-2006 To 31-DEC-2006

	MDL Units	I-1 2006 Avg	I-2 2006 Avg	I-3 2006 Avg	I-4 2006 Avg	I-6 2006 Avg	I-7 2006 Avg	I-8 2006 Avg	I-9 2006 Avg	I-10 2006 Avg
Sulfides-Total	.14 MG/KG	0.74	0.30	0.78	3.01	<0.14	0.19	0.24	9.19	1.09
Total Volatile Solids	.11 WT%	0.93	0.33	0.27	0.62	0.33	0.35	0.34	1.19	0.72
	MDL Units	I-12 2006 Avg	I-13 2006 Avg	I-14 2006 Avg	I-15 2006 Avg	I-16 2006 Avg	I-18 2006 Avg	I-20 2006 Avg	I-21 2006 Avg	I-22 2006 Avg
Sulfides-Total	.14 MG/KG	0.39	0.24	10.90	0.25	1.37	2.12	0.19	<0.14	7.28
Total Volatile Solids	.11 WT%	0.53	0.52	1.05	0.47	0.75	0.62	0.43	0.51	0.85
	MDL Units	I-23 2006 Avg	I-27 2006 Avg	I-28 2006 Avg	I-29 2006 Avg	I-30 2006 Avg	I-31 2006 Avg	I-33 2006 Avg	I-34 2006 Avg	I-35 2006 Avg
Sulfides-Total	.14 MG/KG	1.44	1.15	11.00	5.08	6.48	1.17	14.10	0.15	32.20
Total Volatile Solids	.11 WT%	1.28	2.20	1.77	1.98	1.21	0.60	1.51	0.52	1.69

nd=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT ANNUAL - International Stations  
 Sulfide and Total Volatile Solids Analysis  
 From 01-JAN-2006 To 31-DEC-2006

		2014	2021	2023	2028	2031	2038	2046	2110	2111
		2006	2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Sulfides-Total	.14 MG/KG	2.58	0.81	0.17	1.91	2.75	0.86	0.35	ND	33.80
Total Volatile Solids	.11 WT%	2.30	3.40	3.70	4.95	3.00	2.20	0.84	0.46	1.80
		2112	2113	2114	2115	2118	2119	2120	2121	2122
		2006	2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Sulfides-Total	.14 MG/KG	0.81	1.26	2.12	ND	2.47	1.19	1.54	6.92	26.20
Total Volatile Solids	.11 WT%	1.10	1.30	1.60	0.59	3.10	3.30	1.90	2.60	1.00
		2123	2124	2125	2126	2127	2128	2129	2130	2131
		2006	2006	2006	2006	2006	2006	2006	2006	2006
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
Sulfides-Total	.14 MG/KG	10.20	0.83	0.27	10.60	22.20	19.50	1.42	1.12	0.57
Total Volatile Solids	.11 WT%	2.00	2.50	3.20	2.90	0.94	1.30	3.00	3.60	3.20
		2132	2133	2135	2136	2137	2138	2139		
		2006	2006	2006	2006	2006	2006	2006		
	MDL Units	Avg	Avg	Avg	Avg	Avg	Avg	Avg		
Sulfides-Total	.14 MG/KG	1.06	0.53	1.08	0.62	0.24	3.55	0.93		
Total Volatile Solids	.11 WT%	4.30	4.05	3.90	3.20	3.00	4.30	2.25		

nd=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-1 P327284	I-1 P347969	I-2 P327300	I-2 P347978	I-3 P327302
	05-JAN-2006	06-JUL-2006	05-JAN-2006	06-JUL-2006	05-JAN-2006
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.000	0.000
>2.0 to 2.4 microns	0.022	0.046	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.127	0.172	0.000	0.000	0.000
>2.9 to 3.4 microns	0.162	0.181	0.000	0.000	0.000
>3.4 to 3.9 microns, Phi 8	0.174	0.196	0.000	0.000	0.000
>3.9 to 4 microns	0.037	0.042	0.000	0.000	0.000
>4.0 to 4.3 microns	0.107	0.122	0.000	0.000	0.000
>4.3 to 4.5 microns	0.069	0.079	0.000	0.000	0.000
>4.5 to 5 microns	0.186	0.213	0.000	0.000	0.000
>5 to 5.5 microns	0.187	0.215	0.000	0.000	0.000
>5.5 to 5.7 microns	0.073	0.084	0.000	0.000	0.000
>5.7 to 5.9 microns, Phi 7.5	0.072	0.083	0.000	0.000	0.000
>5.9 to 7.8 microns, Phi 7	0.694	0.804	0.000	0.000	0.000
>7.8 to 8 microns	0.072	0.083	0.000	0.000	0.000
>8 to 8.5 microns	0.171	0.198	0.000	0.000	0.000
>8.5 to 8.9 microns	0.132	0.152	0.000	0.000	0.000
>8.9 to 9.1 microns	0.067	0.077	0.000	0.000	0.000
>9.1 to 9.5 microns	0.130	0.149	0.000	0.000	0.000
>9.5 to 9.8 microns	0.094	0.108	0.000	0.000	0.000
>9.8 to 10.1 microns	0.091	0.105	0.000	0.000	0.000
>10.1 to 10.6 microns	0.156	0.179	0.000	0.000	0.000
>10.6 to 11.1 microns	0.149	0.171	0.000	0.000	0.000
>11.1 to 11.3 microns	0.058	0.066	0.000	0.000	0.000
>11.3 to 11.7 microns, Phi 6.5	0.112	0.129	0.000	0.000	0.000
>11.7 to 14 microns	0.583	0.660	0.000	0.000	0.000
>14 to 14.8 microns	0.182	0.205	0.000	0.000	0.000
>14.8 to 15.6 microns	0.171	0.191	0.000	0.000	0.000
>15.6 to 16 microns	0.082	0.091	0.000	0.000	0.000
>16 to 20 microns	0.706	0.776	0.000	0.000	0.000
>20 to 23 microns, Phi 5.5	0.417	0.448	0.000	0.000	0.000
>23 to 27 microns	0.453	0.477	0.000	0.000	0.000
>27 to 31 microns, Phi 5	0.383	0.400	0.000	0.000	0.000
>31 to 32 microns	0.089	0.093	0.000	0.000	0.000
>32 to 35.6 microns	0.309	0.328	0.000	0.000	0.000
>35.6 to 37 microns, Phi 4.75	0.119	0.128	0.000	0.000	0.000
>37 to 39.6 microns	0.217	0.235	0.000	0.000	0.000
>39.6 to 43.6 microns	0.375	0.414	0.000	0.000	0.000
>43.6 to 44 microns, Phi 4.5	0.036	0.040	0.000	0.000	0.000
>44 to 45 microns	0.090	0.099	0.000	0.000	0.000
>45 to 46.4 microns	0.172	0.188	0.000	0.000	0.000
>46.4 to 53 microns, Phi 4.25	0.840	0.911	0.000	0.000	0.000
>53 to 62.5 microns, Phi 4	1.820	1.880	0.055	0.046	0.000
>62.5 to 64 microns	0.355	0.357	0.022	0.019	0.000
>64 to 71.7 microns	2.300	2.270	0.141	0.108	0.000

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 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
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>71.7 to 74 microns	0.789	0.768	0.048	0.035	0.000
>74 to 79.6 microns	2.240	2.170	0.142	0.098	0.026
>79.6 to 87.6 microns	3.780	3.650	0.250	0.164	0.085
>87.6 to 88 microns, Phi 3.5	0.180	0.174	0.012	0.008	0.004
>88 to 90 microns	1.170	1.140	0.091	0.058	0.029
>90 to 105 microns, Phi 3.25	9.490	9.270	0.846	0.536	0.268
>105 to 125 microns, Phi 3	14.100	14.100	1.960	1.290	0.639
>125 to 149 microns, Phi 2.75	15.500	16.000	3.820	2.760	1.420
>149 to 160 microns	5.800	6.150	2.490	2.020	1.110
>160 to 177 microns, Phi 2.5	7.660	8.190	4.210	3.580	2.040
>177 to 197 microns	6.550	7.070	5.950	5.560	3.430
>197 to 210 microns, Phi 2.25	3.070	3.280	4.260	4.310	2.920
>210 to 217 microns	1.440	1.530	2.300	2.370	1.640
>217 to 245 microns	4.380	4.560	9.040	9.680	7.190
>245 to 250 microns, Phi 2	0.603	0.610	1.580	1.730	1.350
>250 to 300 microns, Phi 1.75	4.130	3.940	14.000	15.700	13.500
>300 to 320 microns	0.902	0.737	4.340	4.850	4.900
>320 to 350 microns, Phi 1.5	1.180	0.935	5.810	6.460	6.690
>350 to 360 microns	0.287	0.198	1.560	1.690	1.950
>360 to 400 microns	1.050	0.707	5.710	6.150	7.200
>400 to 420 microns, Phi 1.25	0.406	0.231	2.250	2.340	3.020
>420 to 440 microns	0.387	0.220	2.150	2.230	2.880
>440 to 500 microns, Phi 1	0.977	0.474	5.240	5.270	7.280
>500 to 590 microns, Phi 0.75	0.799	0.117	5.930	5.780	8.470
>590 to 630 microns	0.159	0.000	2.010	1.920	2.890
>630 to 696 microns	0.171	0.000	2.910	2.770	4.180
>696 to 710 microns, Phi 0.5	0.000	0.000	0.516	0.492	0.737
>710 to 773 microns	0.000	0.000	2.200	2.100	3.150
>773 to 840 microns, Phi 0.25	0.000	0.000	1.820	1.750	2.560
>840 to 850 microns	0.000	0.000	0.256	0.246	0.360
>850 to 930 microns	0.000	0.000	1.730	1.670	2.410
>930 to 1000 microns, Phi 0	0.000	0.000	1.210	1.170	1.660
1000 to 1100 microns	0.000	0.000	1.160	1.130	1.570
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.778	0.760	1.040
>1190 to 1300 microns	0.000	0.000	0.550	0.539	0.713
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.359	0.352	0.420
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.287	0.281	0.300
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.041	100.066	99.993	100.022	100.031

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-3 P347987 06-JUL-2006	I-4 P327310 05-JAN-2006	I-4 P347995 06-JUL-2006	I-6 P327314 05-JAN-2006	I-6 P347999 06-JUL-2006
	=====	=====	=====	=====	=====
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.000	0.000
>2.0 to 2.4 microns	0.000	0.000	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.000	0.000	0.000
>2.9 to 3.4 microns	0.000	0.000	0.107	0.000	0.000
>3.4 to 3.9 microns, Phi 8	0.000	0.000	0.129	0.000	0.000
>3.9 to 4 microns	0.000	0.018	0.027	0.000	0.000
>4.0 to 4.3 microns	0.000	0.055	0.079	0.000	0.000
>4.3 to 4.5 microns	0.000	0.035	0.051	0.000	0.000
>4.5 to 5 microns	0.000	0.090	0.134	0.000	0.000
>5 to 5.5 microns	0.000	0.088	0.134	0.000	0.000
>5.5 to 5.7 microns	0.000	0.034	0.052	0.000	0.000
>5.7 to 5.9 microns, Phi 7.5	0.000	0.033	0.051	0.000	0.000
>5.9 to 7.8 microns, Phi 7	0.000	0.311	0.497	0.000	0.000
>7.8 to 8 microns	0.000	0.032	0.051	0.000	0.000
>8 to 8.5 microns	0.000	0.076	0.123	0.000	0.000
>8.5 to 8.9 microns	0.000	0.059	0.095	0.000	0.000
>8.9 to 9.1 microns	0.000	0.030	0.049	0.000	0.000
>9.1 to 9.5 microns	0.000	0.058	0.094	0.000	0.000
>9.5 to 9.8 microns	0.000	0.042	0.068	0.000	0.000
>9.8 to 10.1 microns	0.000	0.041	0.066	0.000	0.000
>10.1 to 10.6 microns	0.000	0.070	0.114	0.000	0.000
>10.6 to 11.1 microns	0.000	0.066	0.109	0.000	0.000
>11.1 to 11.3 microns	0.000	0.026	0.042	0.000	0.000
>11.3 to 11.7 microns, Phi 6.5	0.000	0.051	0.083	0.000	0.000
>11.7 to 14 microns	0.000	0.275	0.438	0.000	0.000
>14 to 14.8 microns	0.000	0.088	0.138	0.000	0.000
>14.8 to 15.6 microns	0.000	0.086	0.133	0.000	0.000
>15.6 to 16 microns	0.000	0.043	0.065	0.000	0.000
>16 to 20 microns	0.000	0.387	0.573	0.000	0.000
>20 to 23 microns, Phi 5.5	0.000	0.261	0.361	0.000	0.000
>23 to 27 microns	0.000	0.333	0.424	0.000	0.000
>27 to 31 microns, Phi 5	0.000	0.343	0.399	0.000	0.000
>31 to 32 microns	0.000	0.093	0.102	0.000	0.000
>32 to 35.6 microns	0.000	0.360	0.380	0.000	0.031
>35.6 to 37 microns, Phi 4.75	0.000	0.160	0.162	0.000	0.031
>37 to 39.6 microns	0.000	0.306	0.305	0.000	0.056
>39.6 to 43.6 microns	0.000	0.646	0.610	0.000	0.091
>43.6 to 44 microns, Phi 4.5	0.000	0.061	0.058	0.000	0.009
>44 to 45 microns	0.000	0.158	0.148	0.000	0.021
>45 to 46.4 microns	0.000	0.357	0.319	0.000	0.035
>46.4 to 53 microns, Phi 4.25	0.000	1.820	1.600	0.028	0.158
>53 to 62.5 microns, Phi 4	0.000	4.380	3.640	0.172	0.245
>62.5 to 64 microns	0.000	0.870	0.708	0.028	0.040
>64 to 71.7 microns	0.000	5.450	4.400	0.150	0.208

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>71.7 to 74 microns	0.000	1.830	1.470	0.046	0.062
>74 to 79.6 microns	0.032	4.830	3.910	0.115	0.152
>79.6 to 87.6 microns	0.107	7.540	6.150	0.170	0.217
>87.6 to 88 microns, Phi 3.5	0.005	0.359	0.293	0.008	0.010
>88 to 90 microns	0.038	1.940	1.640	0.047	0.056
>90 to 105 microns, Phi 3.25	0.350	13.700	11.900	0.374	0.414
>105 to 125 microns, Phi 3	0.862	14.100	13.600	0.625	0.572
>125 to 149 microns, Phi 2.75	1.940	11.000	12.100	1.030	0.756
>149 to 160 microns	1.480	3.300	4.150	0.671	0.411
>160 to 177 microns, Phi 2.5	2.680	4.010	5.390	1.170	0.671
>177 to 197 microns	4.330	3.120	4.750	1.820	0.953
>197 to 210 microns, Phi 2.25	3.490	1.450	2.380	1.530	0.772
>210 to 217 microns	1.930	0.677	1.150	0.855	0.429
>217 to 245 microns	8.130	2.130	3.710	3.950	2.020
>245 to 250 microns, Phi 2	1.480	0.304	0.545	0.764	0.395
>250 to 300 microns, Phi 1.75	14.100	2.260	4.020	8.630	4.830
>300 to 320 microns	4.760	0.606	0.963	3.980	2.650
>320 to 350 microns, Phi 1.5	6.440	0.818	1.260	5.680	3.960
>350 to 360 microns	1.810	0.232	0.300	1.960	1.580
>360 to 400 microns	6.640	0.863	1.080	7.390	6.120
>400 to 420 microns, Phi 1.25	2.710	0.388	0.378	3.590	3.450
>420 to 440 microns	2.580	0.370	0.361	3.430	3.290
>440 to 500 microns, Phi 1	6.430	1.050	0.781	9.470	10.200
>500 to 590 microns, Phi 0.75	7.450	1.460	0.609	11.800	14.200
>590 to 630 microns	2.580	0.634	0.013	4.170	5.450
>630 to 696 microns	3.750	0.976	0.000	6.020	7.990
>696 to 710 microns, Phi 0.5	0.673	0.200	0.000	1.060	1.440
>710 to 773 microns	2.870	0.856	0.000	4.510	6.160
>773 to 840 microns, Phi 0.25	2.390	0.489	0.000	3.590	4.950
>840 to 850 microns	0.337	0.066	0.000	0.502	0.695
>850 to 930 microns	2.260	0.394	0.000	3.310	4.550
>930 to 1000 microns, Phi 0	1.580	0.225	0.000	2.240	3.050
1000 to 1100 microns	1.480	0.060	0.000	2.050	2.730
>1100 to 1190 microns, Phi -0.25	0.981	0.000	0.000	1.330	1.740
>1190 to 1300 microns	0.672	0.000	0.000	0.874	1.100
>1300 to 1410 microns, Phi -0.5	0.396	0.000	0.000	0.505	0.618
>1410 to 1680 microns, Phi -0.75	0.284	0.000	0.000	0.351	0.415
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.027	99.929	100.021	99.995	99.983

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-7 P327319 05-JAN-2006	I-7 P348004 06-JUL-2006	I-8 P327324 05-JAN-2006	I-8 P348009 06-JUL-2006	I-9 P327329 05-JAN-2006
	=====	=====	=====	=====	=====
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.109
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.000	0.323
>2.0 to 2.4 microns	0.000	0.000	0.000	0.000	0.275
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.000	0.000	0.349
>2.9 to 3.4 microns	0.000	0.000	0.000	0.000	0.353
>3.4 to 3.9 microns, Phi 8	0.000	0.000	0.000	0.000	0.370
>3.9 to 4 microns	0.000	0.000	0.000	0.000	0.077
>4.0 to 4.3 microns	0.000	0.000	0.000	0.000	0.220
>4.3 to 4.5 microns	0.000	0.005	0.000	0.000	0.141
>4.5 to 5 microns	0.000	0.080	0.000	0.000	0.371
>5 to 5.5 microns	0.000	0.080	0.000	0.056	0.364
>5.5 to 5.7 microns	0.000	0.031	0.000	0.028	0.140
>5.7 to 5.9 microns, Phi 7.5	0.000	0.030	0.000	0.028	0.138
>5.9 to 7.8 microns, Phi 7	0.000	0.289	0.000	0.271	1.270
>7.8 to 8 microns	0.000	0.029	0.000	0.028	0.126
>8 to 8.5 microns	0.000	0.069	0.000	0.068	0.301
>8.5 to 8.9 microns	0.000	0.053	0.000	0.052	0.230
>8.9 to 9.1 microns	0.000	0.026	0.000	0.027	0.115
>9.1 to 9.5 microns	0.000	0.051	0.000	0.052	0.223
>9.5 to 9.8 microns	0.000	0.037	0.000	0.038	0.161
>9.8 to 10.1 microns	0.000	0.036	0.000	0.037	0.156
>10.1 to 10.6 microns	0.000	0.059	0.000	0.064	0.260
>10.6 to 11.1 microns	0.000	0.057	0.000	0.061	0.248
>11.1 to 11.3 microns	0.000	0.022	0.000	0.023	0.096
>11.3 to 11.7 microns, Phi 6.5	0.000	0.042	0.000	0.046	0.187
>11.7 to 14 microns	0.000	0.214	0.000	0.245	0.963
>14 to 14.8 microns	0.000	0.066	0.000	0.078	0.299
>14.8 to 15.6 microns	0.000	0.060	0.000	0.073	0.287
>15.6 to 16 microns	0.000	0.028	0.000	0.035	0.139
>16 to 20 microns	0.000	0.240	0.000	0.305	1.230
>20 to 23 microns, Phi 5.5	0.000	0.134	0.000	0.181	0.778
>23 to 27 microns	0.000	0.137	0.000	0.191	0.950
>27 to 31 microns, Phi 5	0.000	0.081	0.000	0.150	0.948
>31 to 32 microns	0.000	0.000	0.000	0.032	0.253
>32 to 35.6 microns	0.000	0.000	0.000	0.105	0.967
>35.6 to 37 microns, Phi 4.75	0.000	0.000	0.000	0.036	0.425
>37 to 39.6 microns	0.000	0.007	0.000	0.064	0.803
>39.6 to 43.6 microns	0.000	0.075	0.000	0.089	1.630
>43.6 to 44 microns, Phi 4.5	0.000	0.007	0.000	0.008	0.154
>44 to 45 microns	0.000	0.018	0.000	0.021	0.393
>45 to 46.4 microns	0.000	0.028	0.000	0.029	0.819
>46.4 to 53 microns, Phi 4.25	0.000	0.127	0.000	0.127	3.990
>53 to 62.5 microns, Phi 4	0.000	0.204	0.000	0.172	7.920
>62.5 to 64 microns	0.000	0.035	0.000	0.026	1.420
>64 to 71.7 microns	0.046	0.196	0.057	0.138	7.780

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-7 P327319 05-JAN-2006	I-7 P348004 06-JUL-2006	I-8 P327324 05-JAN-2006	I-8 P348009 06-JUL-2006	I-9 P327329 05-JAN-2006
>71.7 to 74 microns	0.024	0.062	0.030	0.041	2.410
>74 to 79.6 microns	0.062	0.162	0.082	0.103	5.760
>79.6 to 87.6 microns	0.095	0.252	0.132	0.152	7.980
>87.6 to 88 microns, Phi 3.5	0.005	0.012	0.006	0.007	0.380
>88 to 90 microns	0.027	0.072	0.043	0.043	1.800
>90 to 105 microns, Phi 3.25	0.217	0.566	0.370	0.345	11.700
>105 to 125 microns, Phi 3	0.358	0.850	0.754	0.584	10.200
>125 to 149 microns, Phi 2.75	0.552	1.130	1.400	0.936	7.020
>149 to 160 microns	0.337	0.586	0.955	0.580	1.910
>160 to 177 microns, Phi 2.5	0.577	0.931	1.680	0.987	2.230
>177 to 197 microns	0.888	1.250	2.630	1.490	1.620
>197 to 210 microns, Phi 2.25	0.772	0.942	2.200	1.240	0.716
>210 to 217 microns	0.435	0.515	1.230	0.689	0.328
>217 to 245 microns	2.130	2.290	5.540	3.180	1.000
>245 to 250 microns, Phi 2	0.426	0.433	1.060	0.614	0.138
>250 to 300 microns, Phi 1.75	5.320	4.890	11.300	6.940	0.993
>300 to 320 microns	2.910	2.360	4.640	3.230	0.252
>320 to 350 microns, Phi 1.5	4.310	3.440	6.470	4.630	0.339
>350 to 360 microns	1.680	1.270	2.040	1.630	0.095
>360 to 400 microns	6.470	4.900	7.590	6.200	0.354
>400 to 420 microns, Phi 1.25	3.550	2.670	3.380	3.150	0.160
>420 to 440 microns	3.390	2.540	3.230	3.000	0.153
>440 to 500 microns, Phi 1	10.300	8.060	8.420	8.850	0.445
>500 to 590 microns, Phi 0.75	14.300	12.100	9.980	12.100	0.654
>590 to 630 microns	5.520	5.300	3.400	4.720	0.309
>630 to 696 microns	8.090	8.050	4.890	6.970	0.491
>696 to 710 microns, Phi 0.5	1.460	1.590	0.850	1.280	0.108
>710 to 773 microns	6.220	6.780	3.630	5.480	0.463
>773 to 840 microns, Phi 0.25	4.920	5.830	2.890	4.470	0.481
>840 to 850 microns	0.689	0.823	0.405	0.628	0.069
>850 to 930 microns	4.450	5.410	2.670	4.110	0.409
>930 to 1000 microns, Phi 0	2.930	3.650	1.820	2.750	0.234
1000 to 1100 microns	2.560	3.140	1.680	2.440	0.062
>1100 to 1190 microns, Phi -0.25	1.610	1.950	1.100	1.550	0.000
>1190 to 1300 microns	0.998	1.150	0.740	0.973	0.000
>1300 to 1410 microns, Phi -0.5	0.561	0.623	0.432	0.551	0.000
>1410 to 1680 microns, Phi -0.75	0.611	0.649	0.306	0.374	0.000
>1680 to 2000 microns, Phi -1	0.110	0.117	0.000	0.000	0.000
Totals:	99.910	99.998	100.032	100.001	100.014

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-9 P348014 06-JUL-2006	I-10 P327287 05-JAN-2006	I-10 P347972 06-JUL-2006	I-12 P327382 06-JAN-2006	I-12 P347877 05-JUL-2006
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.008	0.000	0.000	0.000	0.000
>2.0 to 2.4 microns	0.160	0.000	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.207	0.000	0.000	0.000	0.088
>2.9 to 3.4 microns	0.212	0.100	0.105	0.000	0.145
>3.4 to 3.9 microns, Phi 8	0.225	0.118	0.127	0.000	0.153
>3.9 to 4 microns	0.047	0.025	0.027	0.000	0.032
>4.0 to 4.3 microns	0.136	0.071	0.078	0.000	0.093
>4.3 to 4.5 microns	0.087	0.046	0.050	0.000	0.060
>4.5 to 5 microns	0.232	0.119	0.133	0.000	0.160
>5 to 5.5 microns	0.229	0.118	0.133	0.000	0.159
>5.5 to 5.7 microns	0.088	0.046	0.052	0.000	0.062
>5.7 to 5.9 microns, Phi 7.5	0.087	0.045	0.051	0.000	0.061
>5.9 to 7.8 microns, Phi 7	0.818	0.427	0.493	0.000	0.585
>7.8 to 8 microns	0.082	0.044	0.051	0.000	0.060
>8 to 8.5 microns	0.197	0.105	0.122	0.000	0.144
>8.5 to 8.9 microns	0.151	0.081	0.094	0.000	0.111
>8.9 to 9.1 microns	0.076	0.041	0.048	0.000	0.056
>9.1 to 9.5 microns	0.147	0.080	0.093	0.000	0.109
>9.5 to 9.8 microns	0.106	0.058	0.067	0.000	0.079
>9.8 to 10.1 microns	0.103	0.056	0.065	0.000	0.077
>10.1 to 10.6 microns	0.174	0.096	0.112	0.000	0.132
>10.6 to 11.1 microns	0.166	0.091	0.107	0.000	0.126
>11.1 to 11.3 microns	0.064	0.035	0.041	0.000	0.049
>11.3 to 11.7 microns, Phi 6.5	0.126	0.070	0.081	0.000	0.095
>11.7 to 14 microns	0.662	0.370	0.428	0.000	0.503
>14 to 14.8 microns	0.208	0.117	0.135	0.000	0.159
>14.8 to 15.6 microns	0.202	0.114	0.130	0.000	0.152
>15.6 to 16 microns	0.099	0.056	0.063	0.000	0.074
>16 to 20 microns	0.891	0.500	0.558	0.000	0.652
>20 to 23 microns, Phi 5.5	0.588	0.325	0.352	0.000	0.409
>23 to 27 microns	0.749	0.399	0.417	0.000	0.479
>27 to 31 microns, Phi 5	0.783	0.394	0.399	0.000	0.445
>31 to 32 microns	0.216	0.104	0.104	0.000	0.112
>32 to 35.6 microns	0.844	0.394	0.391	0.000	0.411
>35.6 to 37 microns, Phi 4.75	0.381	0.171	0.169	0.000	0.171
>37 to 39.6 microns	0.727	0.324	0.320	0.000	0.318
>39.6 to 43.6 microns	1.530	0.664	0.656	0.000	0.607
>43.6 to 44 microns, Phi 4.5	0.145	0.063	0.062	0.000	0.058
>44 to 45 microns	0.372	0.162	0.160	0.001	0.147
>45 to 46.4 microns	0.811	0.359	0.355	0.027	0.297
>46.4 to 53 microns, Phi 4.25	4.010	1.830	1.810	0.128	1.460
>53 to 62.5 microns, Phi 4	8.350	4.350	4.380	0.238	3.110
>62.5 to 64 microns	1.530	0.864	0.878	0.043	0.592
>64 to 71.7 microns	8.540	5.470	5.680	0.245	3.640

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-9 P348014 06-JUL-2006	I-10 P327287 05-JAN-2006	I-10 P347972 06-JUL-2006	I-12 P327382 06-JAN-2006	I-12 P347877 05-JUL-2006
>71.7 to 74 microns	2.680	1.850	1.950	0.078	1.210
>74 to 79.6 microns	6.490	4.950	5.310	0.203	3.270
>79.6 to 87.6 microns	9.120	7.870	8.600	0.312	5.220
>87.6 to 88 microns, Phi 3.5	0.434	0.375	0.409	0.015	0.248
>88 to 90 microns	2.080	2.090	2.330	0.090	1.460
>90 to 105 microns, Phi 3.25	13.600	15.000	16.900	0.714	11.100
>105 to 125 microns, Phi 3	12.000	15.700	17.900	1.190	14.000
>125 to 149 microns, Phi 2.75	8.110	11.800	13.300	1.900	13.700
>149 to 160 microns	2.150	3.320	3.520	1.210	4.880
>160 to 177 microns, Phi 2.5	2.450	3.870	3.950	2.100	6.380
>177 to 197 microns	1.690	2.770	2.530	3.290	5.500
>197 to 210 microns, Phi 2.25	0.705	1.190	0.972	2.780	2.640
>210 to 217 microns	0.313	0.538	0.413	1.550	1.250
>217 to 245 microns	0.906	1.610	1.120	7.040	3.870
>245 to 250 microns, Phi 2	0.117	0.216	0.131	1.350	0.542
>250 to 300 microns, Phi 1.75	0.758	1.510	0.758	14.100	3.750
>300 to 320 microns	0.151	0.365	0.117	5.390	0.803
>320 to 350 microns, Phi 1.5	0.195	0.488	0.146	7.350	1.040
>350 to 360 microns	0.045	0.134	0.029	2.130	0.236
>360 to 400 microns	0.164	0.497	0.093	7.780	0.849
>400 to 420 microns, Phi 1.25	0.060	0.222	0.000	3.110	0.293
>420 to 440 microns	0.057	0.211	0.000	2.960	0.279
>440 to 500 microns, Phi 1	0.135	0.609	0.000	7.050	0.615
>500 to 590 microns, Phi 0.75	0.034	0.875	0.000	7.600	0.483
>590 to 630 microns	0.000	0.395	0.000	2.420	0.010
>630 to 696 microns	0.000	0.616	0.000	3.460	0.000
>696 to 710 microns, Phi 0.5	0.000	0.130	0.000	0.594	0.000
>710 to 773 microns	0.000	0.555	0.000	2.540	0.000
>773 to 840 microns, Phi 0.25	0.000	0.543	0.000	2.040	0.000
>840 to 850 microns	0.000	0.077	0.000	0.287	0.000
>850 to 930 microns	0.000	0.460	0.000	1.920	0.000
>930 to 1000 microns, Phi 0	0.000	0.263	0.000	1.330	0.000
1000 to 1100 microns	0.000	0.070	0.000	1.280	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.858	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.608	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.397	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.317	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.010	100.071	100.055	100.025	100.060

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-13 P327293 05-JAN-2006	I-13 P347880 05-JUL-2006	I-14 P327386 06-JAN-2006	I-14 P347886 05-JUL-2006	I-15 P327391 06-JAN-2006
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.120	0.008	0.000
>2.0 to 2.4 microns	0.000	0.000	0.183	0.151	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.229	0.195	0.000
>2.9 to 3.4 microns	0.000	0.000	0.230	0.200	0.000
>3.4 to 3.9 microns, Phi 8	0.000	0.000	0.238	0.213	0.000
>3.9 to 4 microns	0.000	0.000	0.049	0.045	0.019
>4.0 to 4.3 microns	0.000	0.000	0.141	0.129	0.058
>4.3 to 4.5 microns	0.000	0.000	0.091	0.083	0.037
>4.5 to 5 microns	0.000	0.000	0.237	0.221	0.095
>5 to 5.5 microns	0.000	0.000	0.232	0.219	0.093
>5.5 to 5.7 microns	0.000	0.000	0.089	0.085	0.036
>5.7 to 5.9 microns, Phi 7.5	0.000	0.000	0.088	0.084	0.035
>5.9 to 7.8 microns, Phi 7	0.000	0.120	0.813	0.788	0.326
>7.8 to 8 microns	0.000	0.022	0.081	0.080	0.033
>8 to 8.5 microns	0.000	0.052	0.194	0.190	0.079
>8.5 to 8.9 microns	0.000	0.040	0.149	0.146	0.060
>8.9 to 9.1 microns	0.000	0.020	0.075	0.074	0.031
>9.1 to 9.5 microns	0.000	0.039	0.145	0.143	0.060
>9.5 to 9.8 microns	0.000	0.028	0.105	0.103	0.043
>9.8 to 10.1 microns	0.000	0.027	0.102	0.100	0.042
>10.1 to 10.6 microns	0.000	0.046	0.171	0.169	0.071
>10.6 to 11.1 microns	0.000	0.044	0.163	0.162	0.067
>11.1 to 11.3 microns	0.000	0.017	0.063	0.063	0.026
>11.3 to 11.7 microns, Phi 6.5	0.000	0.033	0.124	0.123	0.052
>11.7 to 14 microns	0.000	0.169	0.647	0.638	0.278
>14 to 14.8 microns	0.000	0.052	0.203	0.200	0.089
>14.8 to 15.6 microns	0.000	0.049	0.196	0.192	0.088
>15.6 to 16 microns	0.000	0.023	0.096	0.093	0.044
>16 to 20 microns	0.000	0.200	0.851	0.828	0.400
>20 to 23 microns, Phi 5.5	0.000	0.116	0.549	0.527	0.276
>23 to 27 microns	0.000	0.098	0.674	0.640	0.365
>27 to 31 microns, Phi 5	0.000	0.000	0.665	0.632	0.389
>31 to 32 microns	0.000	0.000	0.175	0.168	0.108
>32 to 35.6 microns	0.000	0.000	0.657	0.639	0.415
>35.6 to 37 microns, Phi 4.75	0.000	0.000	0.283	0.280	0.184
>37 to 39.6 microns	0.000	0.007	0.531	0.532	0.347
>39.6 to 43.6 microns	0.000	0.072	1.060	1.100	0.694
>43.6 to 44 microns, Phi 4.5	0.000	0.007	0.100	0.104	0.066
>44 to 45 microns	0.000	0.017	0.256	0.267	0.167
>45 to 46.4 microns	0.000	0.026	0.541	0.581	0.337
>46.4 to 53 microns, Phi 4.25	0.000	0.119	2.680	2.900	1.620
>53 to 62.5 microns, Phi 4	0.000	0.184	5.750	6.340	3.030
>62.5 to 64 microns	0.000	0.030	1.080	1.200	0.528
>64 to 71.7 microns	0.000	0.169	6.290	7.050	2.850

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-13 P327293 05-JAN-2006	I-13 P347880 05-JUL-2006	I-14 P327386 06-JAN-2006	I-14 P347886 05-JUL-2006	I-15 P327391 06-JAN-2006
>71.7 to 74 microns	0.000	0.053	2.030	2.280	0.870
>74 to 79.6 microns	0.000	0.140	5.080	5.760	2.110
>79.6 to 87.6 microns	0.000	0.218	7.490	8.530	2.970
>87.6 to 88 microns, Phi 3.5	0.000	0.010	0.356	0.406	0.141
>88 to 90 microns	0.014	0.066	1.820	2.080	0.729
>90 to 105 microns, Phi 3.25	0.147	0.537	12.400	14.200	5.140
>105 to 125 microns, Phi 3	0.265	0.927	12.100	13.700	6.160
>125 to 149 microns, Phi 2.75	0.436	1.430	9.190	10.100	6.720
>149 to 160 microns	0.271	0.832	2.710	2.880	2.940
>160 to 177 microns, Phi 2.5	0.462	1.380	3.280	3.390	4.310
>177 to 197 microns	0.700	2.010	2.540	2.460	4.850
>197 to 210 microns, Phi 2.25	0.593	1.630	1.170	1.060	2.990
>210 to 217 microns	0.332	0.907	0.547	0.476	1.550
>217 to 245 microns	1.600	4.210	1.710	1.390	5.700
>245 to 250 microns, Phi 2	0.316	0.816	0.243	0.183	0.946
>250 to 300 microns, Phi 1.75	3.920	9.380	1.810	1.190	8.130
>300 to 320 microns	2.190	4.390	0.482	0.236	2.510
>320 to 350 microns, Phi 1.5	3.280	6.250	0.651	0.303	3.370
>350 to 360 microns	1.330	2.130	0.185	0.068	0.933
>360 to 400 microns	5.200	7.960	0.692	0.244	3.430
>400 to 420 microns, Phi 1.25	3.070	3.720	0.315	0.085	1.400
>420 to 440 microns	2.920	3.540	0.300	0.081	1.330
>440 to 500 microns, Phi 1	9.780	9.340	0.866	0.183	3.340
>500 to 590 microns, Phi 0.75	15.000	11.000	1.230	0.046	3.910
>590 to 630 microns	6.360	3.650	0.545	0.000	1.390
>630 to 696 microns	9.460	5.220	0.845	0.000	2.040
>696 to 710 microns, Phi 0.5	1.760	0.885	0.176	0.000	0.375
>710 to 773 microns	7.520	3.780	0.751	0.000	1.600
>773 to 840 microns, Phi 0.25	6.030	2.910	0.429	0.000	1.370
>840 to 850 microns	0.846	0.406	0.058	0.000	0.193
>850 to 930 microns	5.450	2.650	0.346	0.000	1.150
>930 to 1000 microns, Phi 0	3.570	1.760	0.198	0.000	0.657
1000 to 1100 microns	3.070	1.610	0.053	0.000	0.557
>1100 to 1190 microns, Phi -0.25	1.910	1.040	0.000	0.000	0.353
>1190 to 1300 microns	1.140	0.697	0.000	0.000	0.247
>1300 to 1410 microns, Phi -0.5	0.631	0.410	0.000	0.000	0.079
>1410 to 1680 microns, Phi -0.75	0.414	0.291	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*				ND	
Totals:	99.987	100.011	99.994	100.016	100.028

\*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-15 P347893 05-JUL-2006	I-16 P327396 06-JAN-2006	I-16 P349640 13-JUL-2006	I-18 P327401 06-JAN-2006	I-18 P347903 05-JUL-2006
	=====	=====	=====	=====	=====
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.000	0.000	0.000
>2.0 to 2.4 microns	0.000	0.000	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	0.093	0.000	0.000	0.092
>2.9 to 3.4 microns	0.000	0.152	0.106	0.000	0.149
>3.4 to 3.9 microns, Phi 8	0.000	0.155	0.135	0.000	0.153
>3.9 to 4 microns	0.000	0.033	0.029	0.019	0.032
>4.0 to 4.3 microns	0.000	0.093	0.083	0.057	0.092
>4.3 to 4.5 microns	0.000	0.060	0.054	0.037	0.059
>4.5 to 5 microns	0.000	0.157	0.146	0.094	0.156
>5 to 5.5 microns	0.000	0.156	0.147	0.092	0.155
>5.5 to 5.7 microns	0.000	0.060	0.057	0.035	0.060
>5.7 to 5.9 microns, Phi 7.5	0.000	0.059	0.057	0.035	0.059
>5.9 to 7.8 microns, Phi 7	0.000	0.560	0.553	0.322	0.558
>7.8 to 8 microns	0.000	0.057	0.057	0.033	0.057
>8 to 8.5 microns	0.000	0.137	0.136	0.078	0.137
>8.5 to 8.9 microns	0.000	0.106	0.105	0.060	0.106
>8.9 to 9.1 microns	0.000	0.054	0.053	0.031	0.054
>9.1 to 9.5 microns	0.000	0.104	0.103	0.060	0.105
>9.5 to 9.8 microns	0.000	0.075	0.075	0.043	0.076
>9.8 to 10.1 microns	0.000	0.073	0.073	0.042	0.074
>10.1 to 10.6 microns	0.000	0.125	0.124	0.071	0.127
>10.6 to 11.1 microns	0.000	0.119	0.119	0.068	0.121
>11.1 to 11.3 microns	0.000	0.046	0.046	0.026	0.047
>11.3 to 11.7 microns, Phi 6.5	0.000	0.091	0.090	0.052	0.093
>11.7 to 14 microns	0.000	0.483	0.469	0.282	0.498
>14 to 14.8 microns	0.000	0.153	0.147	0.091	0.160
>14.8 to 15.6 microns	0.000	0.148	0.139	0.090	0.156
>15.6 to 16 microns	0.000	0.072	0.067	0.045	0.077
>16 to 20 microns	0.000	0.644	0.582	0.411	0.701
>20 to 23 microns, Phi 5.5	0.000	0.413	0.351	0.286	0.471
>23 to 27 microns	0.000	0.494	0.393	0.381	0.597
>27 to 31 microns, Phi 5	0.027	0.469	0.348	0.411	0.605
>31 to 32 microns	0.024	0.119	0.084	0.115	0.161
>32 to 35.6 microns	0.083	0.439	0.302	0.450	0.610
>35.6 to 37 microns, Phi 4.75	0.031	0.183	0.122	0.204	0.265
>37 to 39.6 microns	0.056	0.341	0.224	0.389	0.498
>39.6 to 43.6 microns	0.087	0.650	0.405	0.821	0.989
>43.6 to 44 microns, Phi 4.5	0.008	0.062	0.038	0.078	0.094
>44 to 45 microns	0.021	0.157	0.097	0.200	0.239
>45 to 46.4 microns	0.032	0.316	0.184	0.446	0.500
>46.4 to 53 microns, Phi 4.25	0.145	1.550	0.884	2.250	2.470
>53 to 62.5 microns, Phi 4	0.214	3.270	1.740	5.190	5.350
>62.5 to 64 microns	0.034	0.617	0.318	1.010	1.020
>64 to 71.7 microns	0.177	3.740	1.900	6.260	6.200

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-15 P347893 05-JUL-2006	I-16 P327396 06-JAN-2006	I-16 P349640 13-JUL-2006	I-18 P327401 06-JAN-2006	I-18 P347903 05-JUL-2006
>71.7 to 74 microns	0.053	1.230	0.622	2.090	2.050
>74 to 79.6 microns	0.131	3.260	1.670	5.470	5.380
>79.6 to 87.6 microns	0.190	5.110	2.650	8.490	8.350
>87.6 to 88 microns, Phi 3.5	0.009	0.243	0.126	0.404	0.397
>88 to 90 microns	0.052	1.390	0.768	2.170	2.170
>90 to 105 microns, Phi 3.25	0.407	10.300	6.020	15.200	15.400
>105 to 125 microns, Phi 3	0.675	12.400	8.840	15.200	15.800
>125 to 149 microns, Phi 2.75	1.130	11.700	10.900	11.000	11.700
>149 to 160 microns	0.762	4.100	4.960	3.000	3.200
>160 to 177 microns, Phi 2.5	1.360	5.330	7.270	3.470	3.670
>177 to 197 microns	2.230	4.610	7.910	2.430	2.510
>197 to 210 microns, Phi 2.25	2.020	2.260	4.540	1.040	1.030
>210 to 217 microns	1.140	1.080	2.300	0.468	0.455
>217 to 245 microns	5.490	3.440	7.850	1.400	1.300
>245 to 250 microns, Phi 2	1.080	0.498	1.220	0.188	0.166
>250 to 300 microns, Phi 1.75	12.200	3.690	9.170	1.320	1.070
>300 to 320 microns	5.250	0.942	2.160	0.321	0.209
>320 to 350 microns, Phi 1.5	7.290	1.260	2.780	0.429	0.269
>350 to 360 microns	2.270	0.337	0.625	0.118	0.062
>360 to 400 microns	8.370	1.250	2.230	0.441	0.223
>400 to 420 microns, Phi 1.25	3.570	0.528	0.719	0.199	0.081
>420 to 440 microns	3.400	0.503	0.685	0.189	0.077
>440 to 500 microns, Phi 1	8.410	1.360	1.390	0.550	0.182
>500 to 590 microns, Phi 0.75	9.380	1.790	1.050	0.799	0.046
>590 to 630 microns	3.050	0.737	0.209	0.367	0.000
>630 to 696 microns	4.370	1.130	0.225	0.576	0.000
>696 to 710 microns, Phi 0.5	0.751	0.227	0.000	0.123	0.000
>710 to 773 microns	3.210	0.969	0.000	0.527	0.000
>773 to 840 microns, Phi 0.25	2.570	0.553	0.000	0.526	0.000
>840 to 850 microns	0.360	0.075	0.000	0.075	0.000
>850 to 930 microns	2.390	0.446	0.000	0.447	0.000
>930 to 1000 microns, Phi 0	1.630	0.255	0.000	0.256	0.000
1000 to 1100 microns	1.520	0.068	0.000	0.068	0.000
>1100 to 1190 microns, Phi -0.25	1.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.681	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.402	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.287	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	100.029	99.956	100.031	100.016	100.020

\*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-20 P327406 06-JAN-2006	I-20 P347907 05-JUL-2006	I-21 P327411 06-JAN-2006	I-21 P347912 05-JUL-2006	I-22 P327970 10-JAN-2006
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.119	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.405	0.000	0.000	0.000	0.000
>2.0 to 2.4 microns	0.403	0.000	0.000	0.000	0.000
>2.4 to 2.9 microns, Phi 8.5	0.563	0.000	0.000	0.000	0.000
>2.9 to 3.4 microns	0.617	0.000	0.000	0.000	0.000
>3.4 to 3.9 microns, Phi 8	0.703	0.109	0.000	0.000	0.000
>3.9 to 4 microns	0.151	0.024	0.000	0.000	0.020
>4.0 to 4.3 microns	0.434	0.068	0.000	0.000	0.060
>4.3 to 4.5 microns	0.281	0.044	0.000	0.000	0.039
>4.5 to 5 microns	0.772	0.120	0.000	0.000	0.102
>5 to 5.5 microns	0.776	0.120	0.000	0.000	0.102
>5.5 to 5.7 microns	0.301	0.046	0.000	0.000	0.039
>5.7 to 5.9 microns, Phi 7.5	0.298	0.046	0.000	0.000	0.039
>5.9 to 7.8 microns, Phi 7	2.860	0.443	0.000	0.000	0.371
>7.8 to 8 microns	0.287	0.045	0.000	0.000	0.038
>8 to 8.5 microns	0.688	0.107	0.000	0.000	0.092
>8.5 to 8.9 microns	0.526	0.082	0.000	0.000	0.071
>8.9 to 9.1 microns	0.262	0.041	0.000	0.000	0.036
>9.1 to 9.5 microns	0.506	0.080	0.000	0.000	0.070
>9.5 to 9.8 microns	0.366	0.058	0.000	0.000	0.050
>9.8 to 10.1 microns	0.355	0.056	0.000	0.000	0.049
>10.1 to 10.6 microns	0.595	0.094	0.000	0.000	0.084
>10.6 to 11.1 microns	0.567	0.090	0.000	0.000	0.080
>11.1 to 11.3 microns	0.220	0.035	0.000	0.000	0.031
>11.3 to 11.7 microns, Phi 6.5	0.421	0.067	0.000	0.000	0.061
>11.7 to 14 microns	2.080	0.344	0.000	0.000	0.324
>14 to 14.8 microns	0.627	0.106	0.000	0.000	0.103
>14.8 to 15.6 microns	0.568	0.098	0.000	0.000	0.099
>15.6 to 16 microns	0.262	0.046	0.000	0.000	0.048
>16 to 20 microns	2.170	0.394	0.000	0.000	0.431
>20 to 23 microns, Phi 5.5	1.150	0.223	0.000	0.000	0.276
>23 to 27 microns	1.110	0.232	0.000	0.000	0.331
>27 to 31 microns, Phi 5	0.820	0.185	0.000	0.000	0.318
>31 to 32 microns	0.169	0.041	0.000	0.000	0.083
>32 to 35.6 microns	0.542	0.137	0.000	0.000	0.310
>35.6 to 37 microns, Phi 4.75	0.181	0.050	0.000	0.000	0.133
>37 to 39.6 microns	0.314	0.088	0.000	0.000	0.250
>39.6 to 43.6 microns	0.411	0.134	0.000	0.000	0.493
>43.6 to 44 microns, Phi 4.5	0.039	0.013	0.000	0.000	0.047
>44 to 45 microns	0.096	0.032	0.000	0.000	0.119
>45 to 46.4 microns	0.122	0.049	0.000	0.000	0.246
>46.4 to 53 microns, Phi 4.25	0.524	0.220	0.000	0.000	1.210
>53 to 62.5 microns, Phi 4	0.617	0.337	0.000	0.000	2.510
>62.5 to 64 microns	0.087	0.055	0.000	0.000	0.466
>64 to 71.7 microns	0.414	0.300	0.000	0.000	2.740

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-20 P327406 06-JAN-2006	I-20 P347907 05-JUL-2006	I-21 P327411 06-JAN-2006	I-21 P347912 05-JUL-2006	I-22 P327970 10-JAN-2006
>71.7 to 74 microns	0.114	0.092	0.000	0.000	0.886
>74 to 79.6 microns	0.267	0.236	0.000	0.000	2.280
>79.6 to 87.6 microns	0.356	0.357	0.000	0.000	3.450
>87.6 to 88 microns, Phi 3.5	0.017	0.017	0.000	0.000	0.164
>88 to 90 microns	0.089	0.102	0.013	0.000	0.902
>90 to 105 microns, Phi 3.25	0.644	0.806	0.132	0.000	6.570
>105 to 125 microns, Phi 3	0.904	1.310	0.230	0.079	8.050
>125 to 149 microns, Phi 2.75	1.240	1.960	0.385	0.273	8.490
>149 to 160 microns	0.685	1.130	0.251	0.196	3.540
>160 to 177 microns, Phi 2.5	1.110	1.880	0.440	0.359	5.060
>177 to 197 microns	1.540	2.680	0.702	0.622	5.410
>197 to 210 microns, Phi 2.25	1.150	2.080	0.621	0.599	3.180
>210 to 217 microns	0.627	1.140	0.351	0.343	1.620
>217 to 245 microns	2.660	4.970	1.710	1.770	5.780
>245 to 250 microns, Phi 2	0.488	0.925	0.341	0.362	0.931
>250 to 300 microns, Phi 1.75	4.990	9.620	4.190	4.640	7.650
>300 to 320 microns	2.040	3.890	2.250	2.560	2.190
>320 to 350 microns, Phi 1.5	2.880	5.430	3.350	3.800	2.920
>350 to 360 microns	0.961	1.730	1.320	1.490	0.782
>360 to 400 microns	3.640	6.450	5.150	5.760	2.860
>400 to 420 microns, Phi 1.25	1.820	2.940	2.990	3.250	1.150
>420 to 440 microns	1.730	2.800	2.850	3.100	1.090
>440 to 500 microns, Phi 1	5.250	7.520	9.510	10.000	2.740
>500 to 590 microns, Phi 0.75	7.710	9.350	14.700	14.900	3.240
>590 to 630 microns	3.430	3.400	6.280	6.100	1.190
>630 to 696 microns	5.260	4.960	9.370	9.030	1.760
>696 to 710 microns, Phi 0.5	1.070	0.894	1.760	1.670	0.332
>710 to 773 microns	4.570	3.820	7.500	7.110	1.420
>773 to 840 microns, Phi 0.25	4.120	3.100	6.100	5.670	0.809
>840 to 850 microns	0.584	0.435	0.856	0.794	0.110
>850 to 930 microns	3.920	2.860	5.550	5.110	0.652
>930 to 1000 microns, Phi 0	2.720	1.930	3.670	3.330	0.373
1000 to 1100 microns	2.410	1.750	3.170	2.870	0.316
>1100 to 1190 microns, Phi -0.25	1.520	1.130	1.980	1.790	0.171
>1190 to 1300 microns	0.904	0.740	1.180	1.090	0.000
>1300 to 1410 microns, Phi -0.5	0.494	0.429	0.651	0.608	0.000
>1410 to 1680 microns, Phi -0.75	0.320	0.300	0.426	0.655	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.118	0.000
>2000 microns*		ND		ND	
Totals:	100.013	100.022	99.979	100.048	100.039

\*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-22 P347917 05-JUL-2006	I-23 P327977 10-JAN-2006	I-27 P327980 10-JAN-2006	I-27 P347985 06-JUL-2006	I-28 P326965 03-JAN-2006
	=====	=====	=====	=====	=====
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.053
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.472
>1.5 to 2 microns, Phi 9	0.008	0.000	0.000	0.000	0.592
>2.0 to 2.4 microns	0.165	0.000	0.000	0.000	0.533
>2.4 to 2.9 microns, Phi 8.5	0.212	0.000	0.000	0.091	0.688
>2.9 to 3.4 microns	0.218	0.104	0.105	0.146	0.695
>3.4 to 3.9 microns, Phi 8	0.232	0.124	0.119	0.148	0.736
>3.9 to 4 microns	0.049	0.026	0.024	0.031	0.149
>4.0 to 4.3 microns	0.141	0.076	0.069	0.088	0.428
>4.3 to 4.5 microns	0.091	0.049	0.044	0.056	0.275
>4.5 to 5 microns	0.242	0.128	0.110	0.146	0.714
>5 to 5.5 microns	0.241	0.128	0.107	0.143	0.693
>5.5 to 5.7 microns	0.093	0.050	0.041	0.055	0.266
>5.7 to 5.9 microns, Phi 7.5	0.092	0.049	0.040	0.054	0.260
>5.9 to 7.8 microns, Phi 7	0.874	0.470	0.364	0.504	2.330
>7.8 to 8 microns	0.089	0.048	0.037	0.051	0.227
>8 to 8.5 microns	0.213	0.116	0.088	0.122	0.543
>8.5 to 8.9 microns	0.163	0.089	0.068	0.094	0.414
>8.9 to 9.1 microns	0.083	0.046	0.035	0.048	0.205
>9.1 to 9.5 microns	0.160	0.088	0.067	0.093	0.397
>9.5 to 9.8 microns	0.116	0.064	0.048	0.067	0.287
>9.8 to 10.1 microns	0.112	0.062	0.047	0.065	0.279
>10.1 to 10.6 microns	0.191	0.106	0.080	0.111	0.459
>10.6 to 11.1 microns	0.183	0.101	0.076	0.106	0.438
>11.1 to 11.3 microns	0.071	0.039	0.030	0.041	0.170
>11.3 to 11.7 microns, Phi 6.5	0.138	0.077	0.059	0.081	0.329
>11.7 to 14 microns	0.724	0.408	0.322	0.435	1.670
>14 to 14.8 microns	0.227	0.129	0.104	0.139	0.517
>14.8 to 15.6 microns	0.218	0.124	0.104	0.137	0.492
>15.6 to 16 microns	0.106	0.061	0.052	0.068	0.238
>16 to 20 microns	0.941	0.540	0.490	0.625	2.080
>20 to 23 microns, Phi 5.5	0.597	0.344	0.354	0.431	1.300
>23 to 27 microns	0.717	0.414	0.489	0.570	1.560
>27 to 31 microns, Phi 5	0.695	0.402	0.546	0.610	1.470
>31 to 32 microns	0.181	0.105	0.156	0.170	0.370
>32 to 35.6 microns	0.681	0.399	0.618	0.666	1.330
>35.6 to 37 microns, Phi 4.75	0.293	0.174	0.284	0.302	0.538
>37 to 39.6 microns	0.550	0.329	0.544	0.578	0.980
>39.6 to 43.6 microns	1.090	0.676	1.170	1.230	1.690
>43.6 to 44 microns, Phi 4.5	0.104	0.064	0.111	0.117	0.161
>44 to 45 microns	0.264	0.165	0.284	0.300	0.402
>45 to 46.4 microns	0.547	0.364	0.636	0.670	0.690
>46.4 to 53 microns, Phi 4.25	2.690	1.850	3.190	3.360	3.170
>53 to 62.5 microns, Phi 4	5.560	4.440	7.110	7.490	5.050
>62.5 to 64 microns	1.030	0.886	1.350	1.430	0.818
>64 to 71.7 microns	5.980	5.680	7.940	8.370	4.180

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-22 P347917 05-JUL-2006	I-23 P327977 10-JAN-2006	I-27 P327980 10-JAN-2006	I-27 P347985 06-JUL-2006	I-28 P326965 03-JAN-2006
>71.7 to 74 microns	1.920	1.930	2.570	2.710	1.230
>74 to 79.6 microns	4.860	5.200	6.400	6.780	2.880
>79.6 to 87.6 microns	7.240	8.310	9.350	9.930	3.870
>87.6 to 88 microns, Phi 3.5	0.344	0.395	0.445	0.473	0.184
>88 to 90 microns	1.810	2.190	2.200	2.340	0.884
>90 to 105 microns, Phi 3.25	12.700	15.600	14.600	15.600	5.860
>105 to 125 microns, Phi 3	13.300	15.700	13.000	13.700	5.750
>125 to 149 microns, Phi 2.75	10.800	11.400	8.720	8.950	4.710
>149 to 160 microns	3.360	3.080	2.300	2.250	1.550
>160 to 177 microns, Phi 2.5	4.140	3.530	2.620	2.490	2.000
>177 to 197 microns	3.260	2.470	1.840	1.620	1.790
>197 to 210 microns, Phi 2.25	1.490	1.050	0.793	0.647	0.947
>210 to 217 microns	0.690	0.474	0.359	0.281	0.466
>217 to 245 microns	2.100	1.410	1.080	0.795	1.620
>245 to 250 microns, Phi 2	0.288	0.190	0.147	0.099	0.256
>250 to 300 microns, Phi 1.75	1.980	1.330	1.040	0.630	2.190
>300 to 320 microns	0.431	0.325	0.262	0.121	0.749
>320 to 350 microns, Phi 1.5	0.560	0.436	0.352	0.156	1.050
>350 to 360 microns	0.133	0.120	0.099	0.036	0.339
>360 to 400 microns	0.479	0.448	0.368	0.130	1.280
>400 to 420 microns, Phi 1.25	0.174	0.202	0.167	0.048	0.644
>420 to 440 microns	0.166	0.193	0.160	0.046	0.614
>440 to 500 microns, Phi 1	0.386	0.560	0.465	0.110	1.880
>500 to 590 microns, Phi 0.75	0.097	0.816	0.677	0.028	2.790
>590 to 630 microns	0.000	0.376	0.312	0.000	1.280
>630 to 696 microns	0.000	0.592	0.491	0.000	1.990
>696 to 710 microns, Phi 0.5	0.000	0.127	0.106	0.000	0.419
>710 to 773 microns	0.000	0.543	0.451	0.000	1.790
>773 to 840 microns, Phi 0.25	0.000	0.545	0.456	0.000	1.700
>840 to 850 microns	0.000	0.078	0.065	0.000	0.242
>850 to 930 microns	0.000	0.463	0.387	0.000	1.670
>930 to 1000 microns, Phi 0	0.000	0.265	0.222	0.000	1.200
1000 to 1100 microns	0.000	0.071	0.059	0.000	1.120
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.728
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.458
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.299
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.239
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND			ND	1.48
Totals:	100.080	100.013	100.075	100.009	101.486

\*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-28 P348083 07-JUL-2006	I-29 P327416 06-JAN-2006	I-29 P348087 07-JUL-2006	I-30 P327986 10-JAN-2006	I-30 P348092 07-JUL-2006
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.099	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.468	0.222	0.238	0.000	0.100
>1.5 to 2 microns, Phi 9	0.603	0.358	0.359	0.000	0.277
>2.0 to 2.4 microns	0.561	0.307	0.297	0.000	0.222
>2.4 to 2.9 microns, Phi 8.5	0.741	0.383	0.368	0.088	0.272
>2.9 to 3.4 microns	0.768	0.377	0.361	0.140	0.266
>3.4 to 3.9 microns, Phi 8	0.832	0.386	0.368	0.139	0.269
>3.9 to 4 microns	0.170	0.078	0.074	0.028	0.055
>4.0 to 4.3 microns	0.489	0.222	0.213	0.081	0.158
>4.3 to 4.5 microns	0.315	0.142	0.136	0.052	0.101
>4.5 to 5 microns	0.832	0.365	0.350	0.133	0.262
>5 to 5.5 microns	0.814	0.354	0.339	0.129	0.256
>5.5 to 5.7 microns	0.313	0.136	0.130	0.050	0.098
>5.7 to 5.9 microns, Phi 7.5	0.307	0.133	0.127	0.049	0.097
>5.9 to 7.8 microns, Phi 7	2.810	1.200	1.160	0.444	0.890
>7.8 to 8 microns	0.278	0.121	0.116	0.044	0.089
>8 to 8.5 microns	0.666	0.290	0.278	0.106	0.213
>8.5 to 8.9 microns	0.510	0.223	0.214	0.082	0.164
>8.9 to 9.1 microns	0.255	0.114	0.109	0.042	0.083
>9.1 to 9.5 microns	0.493	0.220	0.211	0.080	0.160
>9.5 to 9.8 microns	0.356	0.159	0.153	0.058	0.116
>9.8 to 10.1 microns	0.346	0.155	0.148	0.056	0.112
>10.1 to 10.6 microns	0.581	0.265	0.254	0.095	0.190
>10.6 to 11.1 microns	0.554	0.253	0.242	0.091	0.182
>11.1 to 11.3 microns	0.215	0.098	0.094	0.035	0.070
>11.3 to 11.7 microns, Phi 6.5	0.417	0.195	0.186	0.070	0.138
>11.7 to 14 microns	2.150	1.070	1.010	0.377	0.733
>14 to 14.8 microns	0.673	0.347	0.329	0.121	0.233
>14.8 to 15.6 microns	0.644	0.348	0.329	0.120	0.227
>15.6 to 16 microns	0.312	0.176	0.166	0.060	0.112
>16 to 20 microns	2.770	1.660	1.560	0.555	1.020
>20 to 23 microns, Phi 5.5	1.770	1.220	1.140	0.393	0.682
>23 to 27 microns	2.130	1.710	1.580	0.536	0.874
>27 to 31 microns, Phi 5	2.000	1.870	1.730	0.594	0.902
>31 to 32 microns	0.501	0.515	0.480	0.170	0.244
>32 to 35.6 microns	1.790	1.930	1.820	0.679	0.936
>35.6 to 37 microns, Phi 4.75	0.718	0.829	0.789	0.315	0.412
>37 to 39.6 microns	1.310	1.530	1.460	0.606	0.778
>39.6 to 43.6 microns	2.220	2.810	2.740	1.320	1.570
>43.6 to 44 microns, Phi 4.5	0.211	0.266	0.260	0.126	0.149
>44 to 45 microns	0.527	0.670	0.655	0.323	0.381
>45 to 46.4 microns	0.892	1.210	1.210	0.731	0.797
>46.4 to 53 microns, Phi 4.25	4.090	5.600	5.600	3.650	3.900
>53 to 62.5 microns, Phi 4	6.430	9.130	9.260	7.900	7.960
>62.5 to 64 microns	1.040	1.480	1.510	1.470	1.450
>64 to 71.7 microns	5.340	7.470	7.660	8.330	8.150

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-28 P348083 07-JUL-2006	I-29 P327416 06-JAN-2006	I-29 P348087 07-JUL-2006	I-30 P327986 10-JAN-2006	I-30 P348092 07-JUL-2006
>71.7 to 74 microns	1.580	2.170	2.230	2.630	2.560
>74 to 79.6 microns	3.740	4.980	5.170	6.420	6.240
>79.6 to 87.6 microns	5.100	6.470	6.790	9.120	8.850
>87.6 to 88 microns, Phi 3.5	0.243	0.308	0.323	0.434	0.421
>88 to 90 microns	1.190	1.400	1.500	2.080	2.040
>90 to 105 microns, Phi 3.25	8.070	8.960	9.660	13.500	13.300
>105 to 125 microns, Phi 3	8.210	7.980	8.780	11.600	11.800
>125 to 149 microns, Phi 2.75	6.800	5.810	6.510	7.670	7.960
>149 to 160 microns	2.170	1.700	1.920	2.010	2.120
>160 to 177 microns, Phi 2.5	2.720	2.060	2.330	2.300	2.430
>177 to 197 microns	2.200	1.600	1.800	1.630	1.710
>197 to 210 microns, Phi 2.25	1.020	0.736	0.819	0.709	0.729
>210 to 217 microns	0.475	0.343	0.380	0.322	0.328
>217 to 245 microns	1.440	1.070	1.170	0.982	0.974
>245 to 250 microns, Phi 2	0.196	0.150	0.162	0.135	0.130
>250 to 300 microns, Phi 1.75	1.300	1.100	1.130	0.984	0.882
>300 to 320 microns	0.254	0.276	0.260	0.261	0.194
>320 to 350 microns, Phi 1.5	0.323	0.368	0.340	0.354	0.253
>350 to 360 microns	0.068	0.099	0.083	0.104	0.062
>360 to 400 microns	0.244	0.368	0.303	0.390	0.226
>400 to 420 microns, Phi 1.25	0.078	0.158	0.114	0.187	0.086
>420 to 440 microns	0.074	0.150	0.109	0.178	0.082
>440 to 500 microns, Phi 1	0.158	0.415	0.258	0.550	0.197
>500 to 590 microns, Phi 0.75	0.039	0.572	0.065	0.862	0.050
>590 to 630 microns	0.000	0.258	0.000	0.430	0.000
>630 to 696 microns	0.000	0.407	0.000	0.690	0.000
>696 to 710 microns, Phi 0.5	0.000	0.089	0.000	0.155	0.000
>710 to 773 microns	0.000	0.381	0.000	0.661	0.000
>773 to 840 microns, Phi 0.25	0.000	0.401	0.000	0.684	0.000
>840 to 850 microns	0.000	0.057	0.000	0.098	0.000
>850 to 930 microns	0.000	0.342	0.000	0.582	0.000
>930 to 1000 microns, Phi 0	0.000	0.195	0.000	0.333	0.000
1000 to 1100 microns	0.000	0.052	0.000	0.282	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.152	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	2.22				
Totals:	102.223	100.022	100.019	99.947	99.974

\*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-31 P327989 10-JAN-2006	I-31 P348097 07-JUL-2006	I-33 P326969 03-JAN-2006	I-33 P348102 07-JUL-2006	I-34 P348106 07-JUL-2006
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.000	0.000	0.111	0.243	0.000
>2.0 to 2.4 microns	0.000	0.000	0.176	0.221	0.000
>2.4 to 2.9 microns, Phi 8.5	0.000	0.000	0.231	0.293	0.000
>2.9 to 3.4 microns	0.000	0.101	0.240	0.309	0.000
>3.4 to 3.9 microns, Phi 8	0.000	0.120	0.258	0.337	0.000
>3.9 to 4 microns	0.021	0.025	0.054	0.071	0.000
>4.0 to 4.3 microns	0.062	0.073	0.155	0.205	0.000
>4.3 to 4.5 microns	0.040	0.047	0.100	0.132	0.000
>4.5 to 5 microns	0.105	0.123	0.267	0.357	0.000
>5 to 5.5 microns	0.104	0.122	0.263	0.355	0.000
>5.5 to 5.7 microns	0.040	0.047	0.101	0.137	0.000
>5.7 to 5.9 microns, Phi 7.5	0.040	0.047	0.100	0.136	0.000
>5.9 to 7.8 microns, Phi 7	0.375	0.447	0.933	1.290	0.000
>7.8 to 8 microns	0.038	0.046	0.092	0.129	0.000
>8 to 8.5 microns	0.091	0.110	0.221	0.310	0.000
>8.5 to 8.9 microns	0.070	0.085	0.169	0.238	0.000
>8.9 to 9.1 microns	0.035	0.044	0.084	0.119	0.000
>9.1 to 9.5 microns	0.068	0.084	0.163	0.230	0.000
>9.5 to 9.8 microns	0.049	0.061	0.118	0.167	0.000
>9.8 to 10.1 microns	0.048	0.059	0.114	0.162	0.000
>10.1 to 10.6 microns	0.080	0.102	0.190	0.273	0.000
>10.6 to 11.1 microns	0.077	0.097	0.181	0.260	0.000
>11.1 to 11.3 microns	0.030	0.038	0.070	0.101	0.000
>11.3 to 11.7 microns, Phi 6.5	0.058	0.074	0.136	0.195	0.000
>11.7 to 14 microns	0.304	0.394	0.687	0.994	0.000
>14 to 14.8 microns	0.095	0.125	0.211	0.307	0.000
>14.8 to 15.6 microns	0.091	0.121	0.198	0.286	0.000
>15.6 to 16 microns	0.044	0.059	0.094	0.136	0.000
>16 to 20 microns	0.391	0.527	0.811	1.170	0.000
>20 to 23 microns, Phi 5.5	0.247	0.339	0.479	0.683	0.000
>23 to 27 microns	0.300	0.410	0.534	0.743	0.000
>27 to 31 microns, Phi 5	0.297	0.400	0.473	0.633	0.000
>31 to 32 microns	0.079	0.105	0.115	0.149	0.000
>32 to 35.6 microns	0.305	0.398	0.410	0.521	0.000
>35.6 to 37 microns, Phi 4.75	0.135	0.173	0.164	0.203	0.000
>37 to 39.6 microns	0.257	0.328	0.303	0.370	0.000
>39.6 to 43.6 microns	0.545	0.674	0.546	0.639	0.000
>43.6 to 44 microns, Phi 4.5	0.052	0.064	0.052	0.061	0.000
>44 to 45 microns	0.133	0.164	0.131	0.153	0.000
>45 to 46.4 microns	0.310	0.366	0.253	0.281	0.000
>46.4 to 53 microns, Phi 4.25	1.610	1.870	1.240	1.350	0.000
>53 to 62.5 microns, Phi 4	4.160	4.530	2.610	2.680	0.046
>62.5 to 64 microns	0.859	0.911	0.501	0.502	0.019
>64 to 71.7 microns	5.680	5.900	3.200	3.140	0.115

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-31 P327989 10-JAN-2006	I-31 P348097 07-JUL-2006	I-33 P326969 03-JAN-2006	I-33 P348102 07-JUL-2006	I-34 P348106 07-JUL-2006
>71.7 to 74 microns	1.970	2.020	1.090	1.050	0.038
>74 to 79.6 microns	5.380	5.500	3.050	2.940	0.110
>79.6 to 87.6 microns	8.740	8.890	5.080	4.890	0.190
>87.6 to 88 microns, Phi 3.5	0.416	0.423	0.242	0.232	0.009
>88 to 90 microns	2.330	2.380	1.520	1.480	0.070
>90 to 105 microns, Phi 3.25	16.600	17.000	11.900	11.600	0.657
>105 to 125 microns, Phi 3	16.800	17.400	15.500	15.600	1.640
>125 to 149 microns, Phi 2.75	11.900	12.400	14.100	14.900	3.620
>149 to 160 microns	3.110	3.240	4.420	4.820	2.650
>160 to 177 microns, Phi 2.5	3.510	3.640	5.370	5.940	4.660
>177 to 197 microns	2.380	2.410	4.020	4.520	7.030
>197 to 210 microns, Phi 2.25	0.992	0.974	1.760	1.980	5.090
>210 to 217 microns	0.441	0.426	0.800	0.899	2.760
>217 to 245 microns	1.300	1.220	2.390	2.650	10.600
>245 to 250 microns, Phi 2	0.172	0.154	0.321	0.350	1.810
>250 to 300 microns, Phi 1.75	1.190	0.995	2.220	2.310	15.100
>300 to 320 microns	0.286	0.200	0.516	0.467	4.210
>320 to 350 microns, Phi 1.5	0.383	0.260	0.685	0.602	5.560
>350 to 360 microns	0.106	0.062	0.181	0.138	1.410
>360 to 400 microns	0.394	0.224	0.670	0.496	5.100
>400 to 420 microns, Phi 1.25	0.178	0.084	0.289	0.176	1.920
>420 to 440 microns	0.169	0.080	0.275	0.168	1.830
>440 to 500 microns, Phi 1	0.494	0.195	0.772	0.385	4.370
>500 to 590 microns, Phi 0.75	0.721	0.050	1.080	0.097	4.900
>590 to 630 microns	0.333	0.000	0.486	0.000	1.690
>630 to 696 microns	0.524	0.000	0.762	0.000	2.480
>696 to 710 microns, Phi 0.5	0.113	0.000	0.163	0.000	0.453
>710 to 773 microns	0.483	0.000	0.696	0.000	1.940
>773 to 840 microns, Phi 0.25	0.489	0.000	0.702	0.000	1.680
>840 to 850 microns	0.070	0.000	0.100	0.000	0.237
>850 to 930 microns	0.416	0.000	0.596	0.000	1.640
>930 to 1000 microns, Phi 0	0.238	0.000	0.341	0.000	1.180
1000 to 1100 microns	0.063	0.000	0.289	0.000	1.170
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.156	0.000	0.792
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.569
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.372
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.296
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.016	100.037	100.081	99.961	100.013

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-35 P326979 03-JAN-2006	I-35 P348113 07-JUL-2006
=====	=====	=====
<0.500 microns, Phi 11	0.000	0.000
>0.5 to 1 microns, Phi 10	0.104	0.449
>1 to 1.5 microns, Phi 9.5	0.454	0.486
>1.5 to 2 microns, Phi 9	0.496	0.495
>2.0 to 2.4 microns	0.405	0.395
>2.4 to 2.9 microns, Phi 8.5	0.489	0.479
>2.9 to 3.4 microns	0.471	0.465
>3.4 to 3.9 microns, Phi 8	0.470	0.466
>3.9 to 4 microns	0.096	0.096
>4.0 to 4.3 microns	0.274	0.277
>4.3 to 4.5 microns	0.176	0.177
>4.5 to 5 microns	0.451	0.460
>5 to 5.5 microns	0.446	0.460
>5.5 to 5.7 microns	0.172	0.178
>5.7 to 5.9 microns, Phi 7.5	0.168	0.175
>5.9 to 7.8 microns, Phi 7	1.580	1.690
>7.8 to 8 microns	0.169	0.183
>8 to 8.5 microns	0.404	0.438
>8.5 to 8.9 microns	0.314	0.341
>8.9 to 9.1 microns	0.165	0.181
>9.1 to 9.5 microns	0.320	0.351
>9.5 to 9.8 microns	0.231	0.253
>9.8 to 10.1 microns	0.225	0.246
>10.1 to 10.6 microns	0.403	0.448
>10.6 to 11.1 microns	0.385	0.427
>11.1 to 11.3 microns	0.149	0.165
>11.3 to 11.7 microns, Phi 6.5	0.300	0.333
>11.7 to 14 microns	1.710	1.900
>14 to 14.8 microns	0.571	0.638
>14.8 to 15.6 microns	0.578	0.644
>15.6 to 16 microns	0.294	0.327
>16 to 20 microns	2.820	3.110
>20 to 23 microns, Phi 5.5	2.110	2.290
>23 to 27 microns	2.870	3.030
>27 to 31 microns, Phi 5	2.920	2.980
>31 to 32 microns	0.749	0.749
>32 to 35.6 microns	2.650	2.630
>35.6 to 37 microns, Phi 4.75	1.050	1.030
>37 to 39.6 microns	1.890	1.850
>39.6 to 43.6 microns	3.050	2.950
>43.6 to 44 microns, Phi 4.5	0.289	0.280
>44 to 45 microns	0.719	0.696
>45 to 46.4 microns	1.140	1.090
>46.4 to 53 microns, Phi 4.25	5.130	4.880
>53 to 62.5 microns, Phi 4	7.460	7.030
>62.5 to 64 microns	1.160	1.090
>64 to 71.7 microns	5.750	5.440

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	I-35 P326979 03-JAN-2006	I-35 P348113 07-JUL-2006
=	=====	=====
>71.7 to 74 microns	1.650	1.570
>74 to 79.6 microns	3.830	3.670
>79.6 to 87.6 microns	5.060	4.910
>87.6 to 88 microns, Phi 3.5	0.241	0.234
>88 to 90 microns	1.150	1.140
>90 to 105 microns, Phi 3.25	7.600	7.640
>105 to 125 microns, Phi 3	7.420	7.740
>125 to 149 microns, Phi 2.75	5.890	6.370
>149 to 160 microns	1.820	2.010
>160 to 177 microns, Phi 2.5	2.250	2.500
>177 to 197 microns	1.800	1.990
>197 to 210 microns, Phi 2.25	0.839	0.914
>210 to 217 microns	0.393	0.425
>217 to 245 microns	1.230	1.290
>245 to 250 microns, Phi 2	0.174	0.178
>250 to 300 microns, Phi 1.75	1.270	1.220
>300 to 320 microns	0.319	0.262
>320 to 350 microns, Phi 1.5	0.425	0.339
>350 to 360 microns	0.114	0.080
>360 to 400 microns	0.420	0.287
>400 to 420 microns, Phi 1.25	0.178	0.104
>420 to 440 microns	0.169	0.099
>440 to 500 microns, Phi 1	0.454	0.230
>500 to 590 microns, Phi 0.75	0.589	0.058
>590 to 630 microns	0.237	0.000
>630 to 696 microns	0.268	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000
>710 to 773 microns	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000
>840 to 850 microns	0.000	0.000
>850 to 930 microns	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000
1000 to 1100 microns	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000
>1190 to 1300 microns	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000
=	=====	=====
Totals:	100.017	100.008

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT SEMI-ANNUAL - Grain Size (Sieve)  
(all values are in percent distribution)  
From 01-JAN-2006 to 31-DEC-2006

Analyte	I-34*	I-23
	P326974	P347922
	03-JAN-2006	05-JUL-2006
<63 microns, Phi<4	1.4	4.1
>63 to 125 microns, Phi>4	0.4	2.7
>125 to 250 microns, Phi>3	11.5	1.9
>250 to 500 microns, Phi>2	30.0	23.9
>500 to 1000 microns, Phi>1	21.4	29.8
>1000 to 2000 microns, Phi>0	14.8	17.2
>2000 microns, Phi>-1	20.4	20.5
Totals:	99.9	100.1

\* = The following sample(s) could not be analyzed by the laser instrument because the sample contains particles that could damage the instrument (i.e. scratch the cell or get caught in a valve), or the sample consists of a distribution of particles such that the population of all sizes cannot be adequately represented in the sample size suitable for the laser instrument.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2014 21-AUG-2006 P354108	2021 22-AUG-2006 P354177	2023 22-AUG-2006 P354181	2028 18-AUG-2006 P353577	2031 17-AUG-2006 P353495
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.100	0.000	0.117	0.221
>1 to 1.5 microns, Phi 9.5	0.117	0.476	0.473	0.599	0.517
>1.5 to 2 microns, Phi 9	0.365	0.611	0.643	0.829	0.619
>2.0 to 2.4 microns	0.329	0.569	0.615	0.798	0.550
>2.4 to 2.9 microns, Phi 8.5	0.427	0.756	0.824	1.070	0.710
>2.9 to 3.4 microns	0.435	0.790	0.861	1.120	0.723
>3.4 to 3.9 microns, Phi 8	0.462	0.861	0.943	1.220	0.768
>3.9 to 4 microns	0.095	0.179	0.194	0.251	0.158
>4.0 to 4.3 microns	0.271	0.515	0.557	0.722	0.455
>4.3 to 4.5 microns	0.174	0.332	0.359	0.465	0.292
>4.5 to 5 microns	0.456	0.888	0.953	1.240	0.770
>5 to 5.5 microns	0.446	0.883	0.936	1.220	0.762
>5.5 to 5.7 microns	0.172	0.341	0.360	0.469	0.294
>5.7 to 5.9 microns, Phi 7.5	0.169	0.336	0.354	0.461	0.289
>5.9 to 7.8 microns, Phi 7	1.550	3.170	3.260	4.270	2.710
>7.8 to 8 microns	0.155	0.324	0.324	0.430	0.278
>8 to 8.5 microns	0.372	0.775	0.776	1.030	0.666
>8.5 to 8.9 microns	0.286	0.596	0.595	0.789	0.514
>8.9 to 9.1 microns	0.144	0.303	0.298	0.399	0.264
>9.1 to 9.5 microns	0.279	0.587	0.577	0.772	0.510
>9.5 to 9.8 microns	0.202	0.424	0.417	0.558	0.369
>9.8 to 10.1 microns	0.196	0.412	0.405	0.541	0.358
>10.1 to 10.6 microns	0.333	0.709	0.683	0.923	0.622
>10.6 to 11.1 microns	0.318	0.677	0.652	0.880	0.593
>11.1 to 11.3 microns	0.123	0.262	0.252	0.341	0.230
>11.3 to 11.7 microns, Phi 6.5	0.241	0.513	0.491	0.666	0.453
>11.7 to 14 microns	1.270	2.700	2.540	3.480	2.440
>14 to 14.8 microns	0.405	0.855	0.798	1.100	0.786
>14.8 to 15.6 microns	0.394	0.823	0.765	1.060	0.771
>15.6 to 16 microns	0.193	0.401	0.371	0.520	0.382
>16 to 20 microns	1.750	3.580	3.300	4.660	3.490
>20 to 23 microns, Phi 5.5	1.160	2.300	2.120	3.050	2.380
>23 to 27 microns	1.450	2.750	2.560	3.740	3.010
>27 to 31 microns, Phi 5	1.420	2.530	2.410	3.570	2.930
>31 to 32 microns	0.365	0.619	0.598	0.895	0.746
>32 to 35.6 microns	1.330	2.180	2.120	3.180	2.680
>35.6 to 37 microns, Phi 4.75	0.552	0.850	0.836	1.260	1.080
>37 to 39.6 microns	1.020	1.530	1.510	2.270	1.960
>39.6 to 43.6 microns	1.840	2.520	2.470	3.680	3.330
>43.6 to 44 microns, Phi 4.5	0.175	0.239	0.234	0.350	0.316
>44 to 45 microns	0.439	0.595	0.583	0.868	0.788
>45 to 46.4 microns	0.805	0.969	0.929	1.350	1.310
>46.4 to 53 microns, Phi 4.25	3.780	4.400	4.180	5.980	5.910
>53 to 62.5 microns, Phi 4	6.670	6.690	6.050	7.980	8.710
>62.5 to 64 microns	1.140	1.070	0.934	1.160	1.340
>64 to 71.7 microns	6.200	5.450	4.640	5.340	6.500

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2014 21-AUG-2006 P354108	2021 22-AUG-2006 P354177	2023 22-AUG-2006 P354181	2028 18-AUG-2006 P353577	2031 17-AUG-2006 P353495
>71.7 to 74 microns	1.900	1.600	1.330	1.430	1.820
>74 to 79.6 microns	4.650	3.780	3.110	3.120	4.100
>79.6 to 87.6 microns	6.620	5.130	4.150	3.720	5.160
>87.6 to 88 microns, Phi 3.5	0.315	0.244	0.197	0.177	0.245
>88 to 90 microns	1.600	1.190	0.968	0.745	1.090
>90 to 105 microns, Phi 3.25	11.000	7.950	6.570	4.490	6.820
>105 to 125 microns, Phi 3	11.300	7.710	7.020	3.550	5.830
>125 to 149 microns, Phi 2.75	9.030	5.760	6.310	2.300	4.060
>149 to 160 microns	2.700	1.620	2.180	0.609	1.120
>160 to 177 microns, Phi 2.5	3.240	1.880	2.830	0.700	1.310
>177 to 197 microns	2.380	1.310	2.410	0.496	0.942
>197 to 210 microns, Phi 2.25	1.010	0.537	1.140	0.213	0.402
>210 to 217 microns	0.451	0.237	0.537	0.096	0.181
>217 to 245 microns	1.290	0.673	1.630	0.286	0.530
>245 to 250 microns, Phi 2	0.164	0.085	0.222	0.038	0.069
>250 to 300 microns, Phi 1.75	1.020	0.532	1.450	0.258	0.455
>300 to 320 microns	0.179	0.098	0.266	0.056	0.092
>320 to 350 microns, Phi 1.5	0.226	0.125	0.335	0.063	0.118
>350 to 360 microns	0.047	0.028	0.067	0.000	0.027
>360 to 400 microns	0.169	0.089	0.239	0.000	0.088
>400 to 420 microns, Phi 1.25	0.056	0.000	0.074	0.000	0.000
>420 to 440 microns	0.053	0.000	0.070	0.000	0.000
>440 to 500 microns, Phi 1	0.119	0.000	0.147	0.000	0.000
>500 to 590 microns, Phi 0.75	0.030	0.000	0.036	0.000	0.000
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	1.47	ND	ND
Totals:	100.024	100.018	101.508	100.020	100.013

\*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2038 17-AUG-2006 P353498	2046 14-AUG-2006 P352869	2110 14-AUG-2006 P352876	2111 14-AUG-2006 P352879	2112 14-AUG-2006 P352862
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.000
>1 to 1.5 microns, Phi 9.5	0.382	0.000	0.000	0.000	0.000
>1.5 to 2 microns, Phi 9	0.465	0.000	0.000	0.122	0.000
>2.0 to 2.4 microns	0.420	0.000	0.000	0.190	0.047
>2.4 to 2.9 microns, Phi 8.5	0.549	0.087	0.000	0.240	0.174
>2.9 to 3.4 microns	0.567	0.145	0.000	0.242	0.174
>3.4 to 3.9 microns, Phi 8	0.609	0.153	0.000	0.252	0.179
>3.9 to 4 microns	0.126	0.032	0.000	0.053	0.037
>4.0 to 4.3 microns	0.361	0.093	0.000	0.152	0.107
>4.3 to 4.5 microns	0.232	0.060	0.000	0.098	0.069
>4.5 to 5 microns	0.615	0.160	0.000	0.258	0.180
>5 to 5.5 microns	0.606	0.159	0.000	0.260	0.178
>5.5 to 5.7 microns	0.233	0.061	0.000	0.101	0.069
>5.7 to 5.9 microns, Phi 7.5	0.230	0.061	0.000	0.099	0.068
>5.9 to 7.8 microns, Phi 7	2.140	0.579	0.000	0.973	0.633
>7.8 to 8 microns	0.216	0.058	0.000	0.106	0.064
>8 to 8.5 microns	0.517	0.140	0.000	0.253	0.153
>8.5 to 8.9 microns	0.397	0.107	0.000	0.197	0.118
>8.9 to 9.1 microns	0.201	0.054	0.000	0.105	0.060
>9.1 to 9.5 microns	0.389	0.105	0.000	0.203	0.116
>9.5 to 9.8 microns	0.281	0.076	0.000	0.147	0.084
>9.8 to 10.1 microns	0.273	0.073	0.000	0.142	0.081
>10.1 to 10.6 microns	0.466	0.124	0.000	0.259	0.138
>10.6 to 11.1 microns	0.445	0.119	0.000	0.247	0.131
>11.1 to 11.3 microns	0.172	0.046	0.000	0.096	0.051
>11.3 to 11.7 microns, Phi 6.5	0.337	0.089	0.000	0.192	0.100
>11.7 to 14 microns	1.770	0.461	0.000	1.090	0.529
>14 to 14.8 microns	0.562	0.143	0.000	0.365	0.168
>14.8 to 15.6 microns	0.542	0.136	0.000	0.367	0.163
>15.6 to 16 microns	0.265	0.065	0.000	0.186	0.080
>16 to 20 microns	2.380	0.567	0.000	1.750	0.718
>20 to 23 microns, Phi 5.5	1.550	0.344	0.000	1.270	0.473
>23 to 27 microns	1.880	0.393	0.000	1.650	0.594
>27 to 31 microns, Phi 5	1.780	0.362	0.000	1.620	0.602
>31 to 32 microns	0.445	0.091	0.000	0.411	0.162
>32 to 35.6 microns	1.600	0.340	0.000	1.470	0.621
>35.6 to 37 microns, Phi 4.75	0.645	0.144	0.000	0.589	0.275
>37 to 39.6 microns	1.180	0.272	0.000	1.070	0.522
>39.6 to 43.6 microns	2.060	0.549	0.000	1.830	1.080
>43.6 to 44 microns, Phi 4.5	0.196	0.052	0.000	0.174	0.103
>44 to 45 microns	0.492	0.134	0.000	0.435	0.263
>45 to 46.4 microns	0.871	0.295	0.000	0.750	0.577
>46.4 to 53 microns, Phi 4.25	4.060	1.510	0.000	3.480	2.890
>53 to 62.5 microns, Phi 4	6.900	3.740	0.000	5.870	6.420
>62.5 to 64 microns	1.160	0.764	0.000	0.995	1.230
>64 to 71.7 microns	6.200	5.080	0.000	5.450	7.270

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2038 17-AUG-2006 P353498	2046 14-AUG-2006 P352869	2110 14-AUG-2006 P352876	2111 14-AUG-2006 P352879	2112 14-AUG-2006 P352862
>71.7 to 74 microns	1.880	1.770	0.000	1.680	2.370
>74 to 79.6 microns	4.530	4.930	0.000	4.200	5.980
>79.6 to 87.6 microns	6.330	8.160	0.000	6.150	8.900
>87.6 to 88 microns, Phi 3.5	0.301	0.388	0.000	0.293	0.423
>88 to 90 microns	1.490	2.260	0.000	1.570	2.150
>90 to 105 microns, Phi 3.25	10.000	16.600	0.036	11.200	14.600
>105 to 125 microns, Phi 3	9.840	17.800	0.227	12.500	13.800
>125 to 149 microns, Phi 2.75	7.490	13.300	0.410	10.700	9.910
>149 to 160 microns	2.160	3.630	0.287	3.300	2.750
>160 to 177 microns, Phi 2.5	2.550	4.160	0.516	4.000	3.220
>177 to 197 microns	1.830	2.850	0.867	2.950	2.320
>197 to 210 microns, Phi 2.25	0.773	1.180	0.808	1.240	1.010
>210 to 217 microns	0.345	0.523	0.461	0.553	0.456
>217 to 245 microns	0.993	1.510	2.330	1.570	1.360
>245 to 250 microns, Phi 2	0.127	0.194	0.473	0.196	0.182
>250 to 300 microns, Phi 1.75	0.802	1.260	5.990	1.200	1.240
>300 to 320 microns	0.147	0.254	3.270	0.202	0.269
>320 to 350 microns, Phi 1.5	0.187	0.329	4.820	0.254	0.351
>350 to 360 microns	0.040	0.077	1.850	0.052	0.085
>360 to 400 microns	0.145	0.278	7.120	0.184	0.309
>400 to 420 microns, Phi 1.25	0.049	0.102	3.860	0.059	0.116
>420 to 440 microns	0.047	0.097	3.680	0.057	0.111
>440 to 500 microns, Phi 1	0.106	0.229	11.100	0.126	0.266
>500 to 590 microns, Phi 0.75	0.027	0.058	15.100	0.031	0.068
>590 to 630 microns	0.000	0.000	5.570	0.000	0.000
>630 to 696 microns	0.000	0.000	8.020	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	1.370	0.000	0.000
>710 to 773 microns	0.000	0.000	5.860	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	4.300	0.000	0.000
>840 to 850 microns	0.000	0.000	0.598	0.000	0.000
>850 to 930 microns	0.000	0.000	3.760	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	2.360	0.000	0.000
1000 to 1100 microns	0.000	0.000	2.020	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	1.270	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.800	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.466	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.328	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
>2000 microns*	ND	ND	ND	ND	ND
Totals:	99.956	99.962	99.927	100.076	99.997

\*=A value in this field reflects a percentage of 30 grams remaining on a 2000 micron sieve. This value must be subtracted from the total percentage.

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2113 17-AUG-2006 P353504	2114 17-AUG-2006 P353511	2115 14-AUG-2006 P352865	2118 17-AUG-2006 P353513	2119 18-AUG-2006 P353584
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.114	0.000
>1 to 1.5 microns, Phi 9.5	0.000	0.399	0.000	0.562	0.111
>1.5 to 2 microns, Phi 9	0.280	0.469	0.000	0.756	0.375
>2.0 to 2.4 microns	0.270	0.421	0.000	0.722	0.374
>2.4 to 2.9 microns, Phi 8.5	0.369	0.556	0.000	0.968	0.526
>2.9 to 3.4 microns	0.397	0.580	0.000	1.010	0.576
>3.4 to 3.9 microns, Phi 8	0.444	0.628	0.122	1.110	0.658
>3.9 to 4 microns	0.094	0.131	0.026	0.228	0.138
>4.0 to 4.3 microns	0.271	0.376	0.074	0.653	0.396
>4.3 to 4.5 microns	0.175	0.242	0.048	0.420	0.256
>4.5 to 5 microns	0.476	0.647	0.128	1.120	0.696
>5 to 5.5 microns	0.476	0.638	0.126	1.090	0.683
>5.5 to 5.7 microns	0.184	0.246	0.048	0.418	0.263
>5.7 to 5.9 microns, Phi 7.5	0.182	0.242	0.048	0.410	0.259
>5.9 to 7.8 microns, Phi 7	1.740	2.250	0.446	3.730	2.390
>7.8 to 8 microns	0.175	0.222	0.044	0.361	0.229
>8 to 8.5 microns	0.419	0.531	0.106	0.865	0.547
>8.5 to 8.9 microns	0.321	0.406	0.081	0.659	0.416
>8.9 to 9.1 microns	0.161	0.202	0.041	0.325	0.202
>9.1 to 9.5 microns	0.312	0.390	0.079	0.628	0.391
>9.5 to 9.8 microns	0.225	0.282	0.057	0.454	0.282
>9.8 to 10.1 microns	0.219	0.274	0.055	0.441	0.274
>10.1 to 10.6 microns	0.369	0.457	0.093	0.728	0.444
>10.6 to 11.1 microns	0.352	0.436	0.088	0.694	0.424
>11.1 to 11.3 microns	0.137	0.169	0.034	0.269	0.164
>11.3 to 11.7 microns, Phi 6.5	0.264	0.326	0.067	0.517	0.312
>11.7 to 14 microns	1.340	1.640	0.345	2.590	1.510
>14 to 14.8 microns	0.414	0.505	0.107	0.795	0.449
>14.8 to 15.6 microns	0.385	0.471	0.101	0.747	0.407
>15.6 to 16 microns	0.183	0.224	0.049	0.356	0.188
>16 to 20 microns	1.570	1.920	0.425	3.080	1.560
>20 to 23 microns, Phi 5.5	0.910	1.130	0.258	1.860	0.835
>23 to 27 microns	0.981	1.240	0.292	2.130	0.847
>27 to 31 microns, Phi 5	0.821	1.070	0.255	1.930	0.672
>31 to 32 microns	0.189	0.251	0.060	0.472	0.149
>32 to 35.6 microns	0.648	0.869	0.210	1.670	0.502
>35.6 to 37 microns, Phi 4.75	0.243	0.331	0.080	0.660	0.183
>37 to 39.6 microns	0.437	0.594	0.144	1.200	0.326
>39.6 to 43.6 microns	0.698	0.948	0.230	2.020	0.498
>43.6 to 44 microns, Phi 4.5	0.067	0.090	0.022	0.192	0.047
>44 to 45 microns	0.165	0.224	0.054	0.481	0.117
>45 to 46.4 microns	0.270	0.357	0.086	0.817	0.183
>46.4 to 53 microns, Phi 4.25	1.240	1.620	0.390	3.760	0.831
>53 to 62.5 microns, Phi 4	2.060	2.500	0.591	6.100	1.300
>62.5 to 64 microns	0.351	0.405	0.095	1.010	0.214
>64 to 71.7 microns	2.000	2.170	0.498	5.310	1.180

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2113 17-AUG-2006 P353504	2114 17-AUG-2006 P353511	2115 14-AUG-2006 P352865	2118 17-AUG-2006 P353513	2119 18-AUG-2006 P353584
>71.7 to 74 microns	0.634	0.659	0.149	1.590	0.367
>74 to 79.6 microns	1.690	1.670	0.370	3.840	0.954
>79.6 to 87.6 microns	2.670	2.470	0.536	5.350	1.460
>87.6 to 88 microns, Phi 3.5	0.127	0.118	0.025	0.254	0.070
>88 to 90 microns	0.802	0.685	0.144	1.270	0.424
>90 to 105 microns, Phi 3.25	6.510	5.300	1.100	8.560	3.380
>105 to 125 microns, Phi 3	10.500	7.940	1.680	8.420	5.370
>125 to 149 microns, Phi 2.75	13.500	10.100	2.530	6.340	7.320
>149 to 160 microns	5.790	4.580	1.550	1.790	3.610
>160 to 177 microns, Phi 2.5	8.060	6.610	2.650	2.080	5.480
>177 to 197 microns	7.460	6.730	4.100	1.450	6.360
>197 to 210 microns, Phi 2.25	3.560	3.530	3.460	0.596	3.900
>210 to 217 microns	1.690	1.730	1.940	0.263	2.020
>217 to 245 microns	5.050	5.510	8.810	0.744	7.280
>245 to 250 microns, Phi 2	0.681	0.797	1.690	0.093	1.190
>250 to 300 microns, Phi 1.75	4.350	5.500	17.600	0.578	9.730
>300 to 320 microns	0.778	1.130	6.480	0.103	2.680
>320 to 350 microns, Phi 1.5	0.979	1.440	8.700	0.132	3.520
>350 to 360 microns	0.197	0.310	2.340	0.028	0.871
>360 to 400 microns	0.700	1.110	8.430	0.092	3.130
>400 to 420 microns, Phi 1.25	0.216	0.357	2.930	0.000	1.090
>420 to 440 microns	0.206	0.340	2.790	0.000	1.040
>440 to 500 microns, Phi 1	0.424	0.710	5.550	0.000	2.180
>500 to 590 microns, Phi 0.75	0.103	0.547	4.460	0.000	1.950
>590 to 630 microns	0.000	0.011	0.938	0.000	0.411
>630 to 696 microns	0.000	0.000	1.210	0.000	0.527
>696 to 710 microns, Phi 0.5	0.000	0.000	0.156	0.000	0.066
>710 to 773 microns	0.000	0.000	0.667	0.000	0.282
>773 to 840 microns, Phi 0.25	0.000	0.000	0.381	0.000	0.018
>840 to 850 microns	0.000	0.000	0.052	0.000	0.000
>850 to 930 microns	0.000	0.000	0.307	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.176	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.047	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	99.961	99.963	100.051	100.005	100.064

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2120 14-AUG-2006 P352885	2122 14-AUG-2006 P352890	2123 14-AUG-2006 P352895	2124 17-AUG-2006 P353525	2126 17-AUG-2006 P353530
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.000	0.000	0.101
>1 to 1.5 microns, Phi 9.5	0.109	0.000	0.357	0.410	0.451
>1.5 to 2 microns, Phi 9	0.345	0.008	0.394	0.533	0.547
>2.0 to 2.4 microns	0.321	0.150	0.329	0.498	0.492
>2.4 to 2.9 microns, Phi 8.5	0.431	0.189	0.410	0.659	0.641
>2.9 to 3.4 microns	0.458	0.193	0.407	0.682	0.659
>3.4 to 3.9 microns, Phi 8	0.505	0.201	0.418	0.738	0.706
>3.9 to 4 microns	0.106	0.043	0.087	0.150	0.146
>4.0 to 4.3 microns	0.305	0.125	0.249	0.431	0.420
>4.3 to 4.5 microns	0.196	0.081	0.160	0.277	0.270
>4.5 to 5 microns	0.529	0.217	0.419	0.729	0.716
>5 to 5.5 microns	0.525	0.223	0.420	0.709	0.710
>5.5 to 5.7 microns	0.203	0.087	0.163	0.272	0.274
>5.7 to 5.9 microns, Phi 7.5	0.200	0.086	0.160	0.267	0.270
>5.9 to 7.8 microns, Phi 7	1.890	0.876	1.540	2.420	2.530
>7.8 to 8 microns	0.190	0.097	0.167	0.237	0.260
>8 to 8.5 microns	0.455	0.233	0.399	0.568	0.623
>8.5 to 8.9 microns	0.349	0.182	0.311	0.434	0.480
>8.9 to 9.1 microns	0.176	0.097	0.165	0.216	0.246
>9.1 to 9.5 microns	0.340	0.188	0.319	0.419	0.475
>9.5 to 9.8 microns	0.246	0.136	0.231	0.303	0.344
>9.8 to 10.1 microns	0.239	0.132	0.224	0.294	0.334
>10.1 to 10.6 microns	0.405	0.242	0.406	0.491	0.578
>10.6 to 11.1 microns	0.387	0.231	0.387	0.468	0.551
>11.1 to 11.3 microns	0.150	0.089	0.150	0.182	0.214
>11.3 to 11.7 microns, Phi 6.5	0.292	0.179	0.302	0.353	0.420
>11.7 to 14 microns	1.510	1.010	1.720	1.830	2.240
>14 to 14.8 microns	0.473	0.333	0.577	0.573	0.719
>14.8 to 15.6 microns	0.450	0.328	0.585	0.552	0.701
>15.6 to 16 microns	0.218	0.163	0.297	0.269	0.345
>16 to 20 microns	1.920	1.500	2.840	2.410	3.130
>20 to 23 microns, Phi 5.5	1.200	1.010	2.120	1.570	2.090
>23 to 27 microns	1.400	1.210	2.860	1.950	2.590
>27 to 31 microns, Phi 5	1.290	1.100	2.910	1.920	2.480
>31 to 32 microns	0.319	0.264	0.753	0.495	0.622
>32 to 35.6 microns	1.150	0.934	2.710	1.800	2.220
>35.6 to 37 microns, Phi 4.75	0.462	0.369	1.100	0.743	0.888
>37 to 39.6 microns	0.846	0.677	1.990	1.360	1.610
>39.6 to 43.6 microns	1.500	1.200	3.360	2.400	2.740
>43.6 to 44 microns, Phi 4.5	0.142	0.114	0.319	0.228	0.260
>44 to 45 microns	0.357	0.289	0.796	0.572	0.650
>45 to 46.4 microns	0.649	0.554	1.320	1.000	1.100
>46.4 to 53 microns, Phi 4.25	3.060	2.690	5.980	4.620	5.010
>53 to 62.5 microns, Phi 4	5.480	5.550	8.970	7.480	7.810
>62.5 to 64 microns	0.954	1.040	1.400	1.220	1.250
>64 to 71.7 microns	5.300	6.270	6.940	6.320	6.330

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2120 14-AUG-2006 P352885	2122 14-AUG-2006 P352890	2123 14-AUG-2006 P352895	2124 17-AUG-2006 P353525	2126 17-AUG-2006 P353530
>71.7 to 74 microns	1.650	2.060	1.980	1.870	1.840
>74 to 79.6 microns	4.120	5.350	4.530	4.440	4.290
>79.6 to 87.6 microns	6.030	8.220	5.860	6.050	5.680
>87.6 to 88 microns, Phi 3.5	0.287	0.391	0.279	0.288	0.271
>88 to 90 microns	1.520	2.090	1.280	1.400	1.270
>90 to 105 microns, Phi 3.25	10.700	14.500	8.200	9.340	8.250
>105 to 125 microns, Phi 3	11.700	14.300	7.340	9.000	7.550
>125 to 149 microns, Phi 2.75	9.910	10.200	5.280	6.740	5.470
>149 to 160 microns	3.110	2.720	1.490	1.910	1.530
>160 to 177 microns, Phi 2.5	3.830	3.080	1.750	2.240	1.790
>177 to 197 microns	2.930	2.060	1.260	1.580	1.270
>197 to 210 microns, Phi 2.25	1.280	0.834	0.537	0.658	0.534
>210 to 217 microns	0.579	0.365	0.241	0.292	0.238
>217 to 245 microns	1.680	1.040	0.699	0.833	0.686
>245 to 250 microns, Phi 2	0.217	0.130	0.090	0.105	0.088
>250 to 300 microns, Phi 1.75	1.360	0.826	0.581	0.662	0.559
>300 to 320 microns	0.238	0.157	0.111	0.121	0.106
>320 to 350 microns, Phi 1.5	0.300	0.201	0.143	0.154	0.135
>350 to 360 microns	0.061	0.045	0.032	0.034	0.030
>360 to 400 microns	0.217	0.164	0.115	0.121	0.103
>400 to 420 microns, Phi 1.25	0.069	0.059	0.041	0.042	0.021
>420 to 440 microns	0.065	0.056	0.039	0.040	0.020
>440 to 500 microns, Phi 1	0.141	0.132	0.022	0.022	0.011
>500 to 590 microns, Phi 0.75	0.035	0.033	0.000	0.000	0.000
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.061	99.903	100.021	99.994	99.985

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2127 14-AUG-2006 P352900	2128 17-AUG-2006 P353535	2129 17-AUG-2006 P353540	2130 18-AUG-2006 P353593	2131 18-AUG-2006 P353596
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.000	0.000	0.111	0.219	0.228
>1 to 1.5 microns, Phi 9.5	0.000	0.000	0.500	0.583	0.534
>1.5 to 2 microns, Phi 9	0.000	0.008	0.609	0.786	0.646
>2.0 to 2.4 microns	0.000	0.168	0.548	0.748	0.581
>2.4 to 2.9 microns, Phi 8.5	0.085	0.233	0.715	0.999	0.758
>2.9 to 3.4 microns	0.144	0.256	0.736	1.040	0.780
>3.4 to 3.9 microns, Phi 8	0.157	0.290	0.789	1.140	0.837
>3.9 to 4 microns	0.034	0.062	0.164	0.233	0.173
>4.0 to 4.3 microns	0.099	0.179	0.470	0.668	0.498
>4.3 to 4.5 microns	0.064	0.116	0.302	0.430	0.320
>4.5 to 5 microns	0.176	0.319	0.802	1.140	0.849
>5 to 5.5 microns	0.181	0.321	0.796	1.110	0.841
>5.5 to 5.7 microns	0.070	0.124	0.307	0.428	0.324
>5.7 to 5.9 microns, Phi 7.5	0.070	0.123	0.302	0.420	0.319
>5.9 to 7.8 microns, Phi 7	0.709	1.200	2.850	3.830	2.990
>7.8 to 8 microns	0.076	0.122	0.292	0.375	0.305
>8 to 8.5 microns	0.181	0.293	0.700	0.898	0.730
>8.5 to 8.9 microns	0.140	0.225	0.539	0.686	0.562
>8.9 to 9.1 microns	0.073	0.113	0.276	0.341	0.286
>9.1 to 9.5 microns	0.141	0.220	0.534	0.659	0.554
>9.5 to 9.8 microns	0.102	0.159	0.386	0.476	0.401
>9.8 to 10.1 microns	0.099	0.154	0.375	0.462	0.389
>10.1 to 10.6 microns	0.174	0.263	0.649	0.770	0.670
>10.6 to 11.1 microns	0.166	0.251	0.619	0.734	0.639
>11.1 to 11.3 microns	0.064	0.097	0.240	0.285	0.248
>11.3 to 11.7 microns, Phi 6.5	0.126	0.188	0.471	0.550	0.486
>11.7 to 14 microns	0.666	0.960	2.520	2.800	2.580
>14 to 14.8 microns	0.210	0.297	0.806	0.869	0.824
>14.8 to 15.6 microns	0.197	0.275	0.785	0.826	0.801
>15.6 to 16 microns	0.094	0.130	0.387	0.398	0.394
>16 to 20 microns	0.814	1.110	3.510	3.500	3.570
>20 to 23 microns, Phi 5.5	0.474	0.632	2.340	2.190	2.380
>23 to 27 microns	0.497	0.659	2.910	2.610	2.960
>27 to 31 microns, Phi 5	0.399	0.526	2.800	2.460	2.860
>31 to 32 microns	0.089	0.116	0.709	0.620	0.728
>32 to 35.6 microns	0.303	0.386	2.540	2.230	2.620
>35.6 to 37 microns, Phi 4.75	0.112	0.138	1.030	0.902	1.060
>37 to 39.6 microns	0.202	0.245	1.870	1.640	1.930
>39.6 to 43.6 microns	0.328	0.362	3.180	2.830	3.300
>43.6 to 44 microns, Phi 4.5	0.031	0.034	0.302	0.268	0.314
>44 to 45 microns	0.078	0.085	0.755	0.671	0.783
>45 to 46.4 microns	0.136	0.126	1.270	1.140	1.310
>46.4 to 53 microns, Phi 4.25	0.649	0.564	5.750	5.190	5.940
>53 to 62.5 microns, Phi 4	1.290	0.818	8.650	7.940	8.820
>62.5 to 64 microns	0.244	0.130	1.350	1.250	1.360
>64 to 71.7 microns	1.610	0.691	6.600	6.210	6.600

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2127 14-AUG-2006 P352900	2128 17-AUG-2006 P353535	2129 17-AUG-2006 P353540	2130 18-AUG-2006 P353593	2131 18-AUG-2006 P353596
>71.7 to 74 microns	0.555	0.209	1.870	1.780	1.850
>74 to 79.6 microns	1.670	0.533	4.220	4.060	4.160
>79.6 to 87.6 microns	2.970	0.800	5.360	5.220	5.210
>87.6 to 88 microns, Phi 3.5	0.141	0.038	0.255	0.249	0.248
>88 to 90 microns	1.050	0.232	1.140	1.120	1.090
>90 to 105 microns, Phi 3.25	9.160	1.870	7.130	7.070	6.780
>105 to 125 microns, Phi 3	16.000	3.280	6.030	5.950	5.620
>125 to 149 microns, Phi 2.75	19.000	5.370	4.060	3.900	3.730
>149 to 160 microns	6.980	3.250	1.080	0.998	0.980
>160 to 177 microns, Phi 2.5	8.970	5.380	1.240	1.120	1.120
>177 to 197 microns	7.040	7.420	0.852	0.738	0.762
>197 to 210 microns, Phi 2.25	3.030	5.160	0.354	0.298	0.315
>210 to 217 microns	1.370	2.760	0.157	0.130	0.139
>217 to 245 microns	3.940	10.500	0.451	0.369	0.400
>245 to 250 microns, Phi 2	0.504	1.780	0.058	0.046	0.051
>250 to 300 microns, Phi 1.75	3.170	14.700	0.372	0.293	0.328
>300 to 320 microns	0.577	3.880	0.073	0.056	0.064
>320 to 350 microns, Phi 1.5	0.734	5.040	0.094	0.063	0.072
>350 to 360 microns	0.158	1.160	0.022	0.000	0.000
>360 to 400 microns	0.567	4.150	0.070	0.000	0.000
>400 to 420 microns, Phi 1.25	0.192	1.330	0.000	0.000	0.000
>420 to 440 microns	0.183	1.270	0.000	0.000	0.000
>440 to 500 microns, Phi 1	0.406	2.500	0.000	0.000	0.000
>500 to 590 microns, Phi 0.75	0.101	2.080	0.000	0.000	0.000
>590 to 630 microns	0.000	0.481	0.000	0.000	0.000
>630 to 696 microns	0.000	0.625	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.078	0.000	0.000	0.000
>710 to 773 microns	0.000	0.334	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.021	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.022	99.999	100.034	100.014	100.001

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2132 22-AUG-2006 P354186	2133 22-AUG-2006 P354191	2135 21-AUG-2006 P354111	2136 21-AUG-2006 P354117	2137 21-AUG-2006 P354124
<0.500 microns, Phi 11	0.000	0.000	0.000	0.000	0.000
>0.5 to 1 microns, Phi 10	0.102	0.106	0.234	0.218	0.000
>1 to 1.5 microns, Phi 9.5	0.511	0.507	0.568	0.524	0.279
>1.5 to 2 microns, Phi 9	0.706	0.666	0.711	0.655	0.528
>2.0 to 2.4 microns	0.688	0.629	0.651	0.602	0.526
>2.4 to 2.9 microns, Phi 8.5	0.934	0.843	0.856	0.794	0.735
>2.9 to 3.4 microns	0.987	0.885	0.887	0.824	0.804
>3.4 to 3.9 microns, Phi 8	1.090	0.970	0.958	0.893	0.918
>3.9 to 4 microns	0.226	0.202	0.199	0.184	0.195
>4.0 to 4.3 microns	0.648	0.579	0.571	0.529	0.560
>4.3 to 4.5 microns	0.417	0.373	0.368	0.340	0.363
>4.5 to 5 microns	1.120	0.998	0.978	0.903	0.994
>5 to 5.5 microns	1.090	0.987	0.970	0.889	0.993
>5.5 to 5.7 microns	0.420	0.381	0.374	0.343	0.384
>5.7 to 5.9 microns, Phi 7.5	0.412	0.375	0.368	0.337	0.380
>5.9 to 7.8 microns, Phi 7	3.770	3.500	3.460	3.120	3.610
>7.8 to 8 microns	0.364	0.352	0.353	0.313	0.360
>8 to 8.5 microns	0.872	0.843	0.845	0.748	0.861
>8.5 to 8.9 microns	0.664	0.647	0.650	0.574	0.658
>8.9 to 9.1 microns	0.326	0.326	0.331	0.289	0.327
>9.1 to 9.5 microns	0.630	0.631	0.641	0.560	0.633
>9.5 to 9.8 microns	0.456	0.456	0.463	0.405	0.458
>9.8 to 10.1 microns	0.442	0.442	0.450	0.393	0.444
>10.1 to 10.6 microns	0.727	0.752	0.774	0.667	0.744
>10.6 to 11.1 microns	0.693	0.717	0.739	0.636	0.710
>11.1 to 11.3 microns	0.269	0.278	0.286	0.246	0.275
>11.3 to 11.7 microns, Phi 6.5	0.514	0.541	0.561	0.481	0.528
>11.7 to 14 microns	2.540	2.810	2.970	2.510	2.620
>14 to 14.8 microns	0.772	0.881	0.944	0.793	0.799
>14.8 to 15.6 microns	0.716	0.843	0.915	0.765	0.735
>15.6 to 16 microns	0.338	0.409	0.448	0.373	0.344
>16 to 20 microns	2.880	3.620	4.040	3.340	2.900
>20 to 23 microns, Phi 5.5	1.670	2.300	2.660	2.180	1.620
>23 to 27 microns	1.830	2.730	3.260	2.680	1.690
>27 to 31 microns, Phi 5	1.580	2.530	3.100	2.590	1.360
>31 to 32 microns	0.376	0.623	0.776	0.657	0.304
>32 to 35.6 microns	1.310	2.200	2.760	2.370	1.020
>35.6 to 37 microns, Phi 4.75	0.509	0.865	1.090	0.960	0.373
>37 to 39.6 microns	0.923	1.560	1.980	1.750	0.664
>39.6 to 43.6 microns	1.540	2.560	3.270	3.000	1.010
>43.6 to 44 microns, Phi 4.5	0.146	0.243	0.310	0.285	0.096
>44 to 45 microns	0.365	0.605	0.772	0.712	0.238
>45 to 46.4 microns	0.621	0.971	1.240	1.200	0.365
>46.4 to 53 microns, Phi 4.25	2.870	4.370	5.560	5.470	1.640
>53 to 62.5 microns, Phi 4	4.770	6.370	7.940	8.320	2.480
>62.5 to 64 microns	0.801	0.987	1.210	1.310	0.401
>64 to 71.7 microns	4.340	4.900	5.810	6.460	2.140

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2132 22-AUG-2006 P354186	2133 22-AUG-2006 P354191	2135 21-AUG-2006 P354111	2136 21-AUG-2006 P354117	2137 21-AUG-2006 P354124
>71.7 to 74 microns	1.330	1.400	1.620	1.850	0.652
>74 to 79.6 microns	3.290	3.260	3.660	4.220	1.640
>79.6 to 87.6 microns	4.750	4.310	4.610	5.430	2.420
>87.6 to 88 microns, Phi 3.5	0.226	0.205	0.219	0.258	0.116
>88 to 90 microns	1.190	0.986	0.983	1.170	0.658
>90 to 105 microns, Phi 3.25	8.410	6.580	6.190	7.410	4.990
>105 to 125 microns, Phi 3	9.310	6.690	5.350	6.370	7.010
>125 to 149 microns, Phi 2.75	8.060	5.630	3.690	4.300	8.430
>149 to 160 microns	2.570	1.830	0.999	1.130	3.750
>160 to 177 microns, Phi 2.5	3.190	2.300	1.150	1.290	5.430
>177 to 197 microns	2.460	1.870	0.801	0.869	5.740
>197 to 210 microns, Phi 2.25	1.080	0.854	0.333	0.355	3.160
>210 to 217 microns	0.489	0.397	0.148	0.156	1.580
>217 to 245 microns	1.420	1.190	0.426	0.443	5.120
>245 to 250 microns, Phi 2	0.183	0.160	0.055	0.056	0.755
>250 to 300 microns, Phi 1.75	1.140	1.040	0.351	0.354	5.080
>300 to 320 microns	0.198	0.196	0.069	0.068	0.884
>320 to 350 microns, Phi 1.5	0.249	0.249	0.076	0.075	1.090
>350 to 360 microns	0.050	0.052	0.000	0.000	0.186
>360 to 400 microns	0.179	0.186	0.000	0.000	0.645
>400 to 420 microns, Phi 1.25	0.057	0.060	0.000	0.000	0.157
>420 to 440 microns	0.054	0.057	0.000	0.000	0.150
>440 to 500 microns, Phi 1	0.117	0.125	0.000	0.000	0.264
>500 to 590 microns, Phi 0.75	0.029	0.031	0.000	0.000	0.060
>590 to 630 microns	0.000	0.000	0.000	0.000	0.000
>630 to 696 microns	0.000	0.000	0.000	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000	0.000	0.000	0.000
>710 to 773 microns	0.000	0.000	0.000	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000	0.000	0.000	0.000
>840 to 850 microns	0.000	0.000	0.000	0.000	0.000
>850 to 930 microns	0.000	0.000	0.000	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000	0.000	0.000	0.000
1000 to 1100 microns	0.000	0.000	0.000	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000	0.000	0.000	0.000
>1190 to 1300 microns	0.000	0.000	0.000	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000	0.000	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000	0.000	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000	0.000	0.000	0.000
Totals:	100.006	100.021	100.031	99.996	100.033

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2138 21-AUG-2006 P354126	2139 21-AUG-2006 P354134
<0.500 microns, Phi 11	0.000	0.000
>0.5 to 1 microns, Phi 10	0.232	0.103
>1 to 1.5 microns, Phi 9.5	0.615	0.495
>1.5 to 2 microns, Phi 9	0.827	0.647
>2.0 to 2.4 microns	0.786	0.608
>2.4 to 2.9 microns, Phi 8.5	1.050	0.810
>2.9 to 3.4 microns	1.100	0.845
>3.4 to 3.9 microns, Phi 8	1.210	0.924
>3.9 to 4 microns	0.250	0.191
>4.0 to 4.3 microns	0.718	0.548
>4.3 to 4.5 microns	0.462	0.353
>4.5 to 5 microns	1.230	0.939
>5 to 5.5 microns	1.220	0.924
>5.5 to 5.7 microns	0.468	0.356
>5.7 to 5.9 microns, Phi 7.5	0.460	0.350
>5.9 to 7.8 microns, Phi 7	4.260	3.240
>7.8 to 8 microns	0.423	0.322
>8 to 8.5 microns	1.010	0.771
>8.5 to 8.9 microns	0.776	0.590
>8.9 to 9.1 microns	0.388	0.295
>9.1 to 9.5 microns	0.751	0.572
>9.5 to 9.8 microns	0.543	0.413
>9.8 to 10.1 microns	0.527	0.401
>10.1 to 10.6 microns	0.886	0.676
>10.6 to 11.1 microns	0.845	0.645
>11.1 to 11.3 microns	0.328	0.250
>11.3 to 11.7 microns, Phi 6.5	0.635	0.484
>11.7 to 14 microns	3.250	2.480
>14 to 14.8 microns	1.010	0.773
>14.8 to 15.6 microns	0.962	0.734
>15.6 to 16 microns	0.464	0.353
>16 to 20 microns	4.080	3.100
>20 to 23 microns, Phi 5.5	2.550	1.920
>23 to 27 microns	3.000	2.230
>27 to 31 microns, Phi 5	2.770	2.020
>31 to 32 microns	0.687	0.491
>32 to 35.6 microns	2.440	1.720
>35.6 to 37 microns, Phi 4.75	0.970	0.671
>37 to 39.6 microns	1.760	1.210
>39.6 to 43.6 microns	2.950	2.000
>43.6 to 44 microns, Phi 4.5	0.280	0.189
>44 to 45 microns	0.699	0.472
>45 to 46.4 microns	1.150	0.775
>46.4 to 53 microns, Phi 4.25	5.220	3.530
>53 to 62.5 microns, Phi 4	7.720	5.470
>62.5 to 64 microns	1.190	0.882
>64 to 71.7 microns	5.810	4.580

SOUTH BAY OCEAN OUTFALL MONITORING  
 SEDIMENT SEMI-ANNUAL- Grain Size - Random Stations  
 (all values are in percent distribution)  
 From 01-JAN-2006 to 31-DEC-2006

Analyte	2138 21-AUG-2006 P354126	2139 21-AUG-2006 P354134
=	=	=
>71.7 to 74 microns	1.640	1.360
>74 to 79.6 microns	3.690	3.280
>79.6 to 87.6 microns	4.660	4.590
>87.6 to 88 microns, Phi 3.5	0.222	0.218
>88 to 90 microns	0.980	1.120
>90 to 105 microns, Phi 3.25	6.100	7.760
>105 to 125 microns, Phi 3	5.010	8.460
>125 to 149 microns, Phi 2.75	3.240	7.370
>149 to 160 microns	0.830	2.410
>160 to 177 microns, Phi 2.5	0.933	3.030
>177 to 197 microns	0.624	2.420
>197 to 210 microns, Phi 2.25	0.255	1.090
>210 to 217 microns	0.112	0.503
>217 to 245 microns	0.322	1.490
>245 to 250 microns, Phi 2	0.041	0.198
>250 to 300 microns, Phi 1.75	0.265	1.270
>300 to 320 microns	0.053	0.229
>320 to 350 microns, Phi 1.5	0.059	0.289
>350 to 360 microns	0.000	0.059
>360 to 400 microns	0.000	0.209
>400 to 420 microns, Phi 1.25	0.000	0.065
>420 to 440 microns	0.000	0.062
>440 to 500 microns, Phi 1	0.000	0.133
>500 to 590 microns, Phi 0.75	0.000	0.033
>590 to 630 microns	0.000	0.000
>630 to 696 microns	0.000	0.000
>696 to 710 microns, Phi 0.5	0.000	0.000
>710 to 773 microns	0.000	0.000
>773 to 840 microns, Phi 0.25	0.000	0.000
>840 to 850 microns	0.000	0.000
>850 to 930 microns	0.000	0.000
>930 to 1000 microns, Phi 0	0.000	0.000
1000 to 1100 microns	0.000	0.000
>1100 to 1190 microns, Phi -0.25	0.000	0.000
>1190 to 1300 microns	0.000	0.000
>1300 to 1410 microns, Phi -0.5	0.000	0.000
>1410 to 1680 microns, Phi -0.75	0.000	0.000
>1680 to 2000 microns, Phi -1	0.000	0.000
=	=	=
Totals:	99.998	100.000

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT SEMI-ANNUAL- Grain Size / sieve - Random Stations  
(all values are in percent distribution)  
From 01-JAN-2006 to 31-DEC-2006

Analyte	2121 P353521	2125 P353587
	17-AUG-2006	18-AUG-2006
<63 microns, Phi<4	40.7	5.5
>63 to 125 microns, Phi>4	23.5	9.7
>125 to 250 microns, Phi>3	12.0	32.8
>250 to 500 microns, Phi>2	8.4	29.8
>500 to 1000 microns, Phi>1	7.3	9.9
>1000 to 2000 microns, Phi>0	4.2	1.0
>2000 microns, Phi>-1	3.9	12.0
Totals:	100.0	100.7

SOUTH BAY WATER RECLAMATION PLANT  
SEDIMENT ANNUAL Total Organic Carbon/Total Nitrogen - Standard Stations by Quarter

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-1	I-2	I-3	I-4	I-6	I-7
			2006	2006	2006	2006	2006	2006
Total Nitrogen	.005	WT%	0.022	0.006	0.006	0.019	0.013	0.011
Total Organic Carbon	.01	WT%	0.250	0.063	0.052	0.282	0.152	0.099
Analyte	MDL	Units	I-8	I-9	I-10	I-12	I-13	I-14
			Avg	Avg	Avg	Avg	Avg	Avg
Total Nitrogen	.005	WT%	0.008	0.028	0.017	0.009	0.008	0.023
Total Organic Carbon	.01	WT%	0.080	0.280	0.143	0.105	0.148	0.225
Analyte	MDL	Units	I-15	I-16	I-18	I-20	I-21	I-22
			Avg	Avg	Avg	Avg	Avg	Avg
Total Nitrogen	.005	WT%	0.012	0.017	0.014	0.013	0.005	0.019
Total Organic Carbon	.01	WT%	0.084	0.138	0.123	0.122	0.068	0.162
Analyte	MDL	Units	I-23	I-27	I-28	I-29	I-30	I-31
			Avg	Avg	Avg	Avg	Avg	Avg
Total Nitrogen	.005	WT%	0.026	0.019	0.041	0.036	0.020	0.021
Total Organic Carbon	.01	WT%	3.490	0.174	0.788	0.500	0.190	0.210
Analyte	MDL	Units	I-33	I-34	I-35			
			Avg	Avg	Avg			
Total Nitrogen	.005	WT%	0.023	ND	0.037			
Total Organic Carbon	.01	WT%	0.544	0.800	0.415			

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY WATER RECLAMATION PLANT  
SEDIMENT ANNUAL Total Organic Carbon/Total Nitrogen - Random Stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2014 2006	2021 2006	2023 2006	2028 2006	2031 2006	2038 2006
			Avg	Avg	Avg	Avg	Avg	Avg
Total Nitrogen	.005	WT%		0.047	0.068	0.068	0.125	0.082
Total Organic Carbon	.01	WT%		0.460	0.838	1.600	1.720	0.909
			2046 2006	2110 2006	2111 2006	2112 2006	2113 2006	2114 2006
			Avg	Avg	Avg	Avg	Avg	Avg
Analyte	MDL	Units						
Total Nitrogen	.005	WT%		0.018	ND	0.027	0.022	0.033
Total Organic Carbon	.01	WT%		0.152	0.054	0.273	0.200	0.361
			2115 2006	2118 2006	2119 2006	2120 2006	2121 2006	2122 2006
			Avg	Avg	Avg	Avg	Avg	Avg
Analyte	MDL	Units						
Total Nitrogen	.005	WT%		0.014	0.071	0.072	0.045	0.070
Total Organic Carbon	.01	WT%		0.120	0.967	4.840	0.715	0.973
			2123 2006	2124 2006	2125 2006	2126 2006	2127 2006	2128 2006
			Avg	Avg	Avg	Avg	Avg	Avg
Analyte	MDL	Units						
Total Nitrogen	.005	WT%		0.041	0.052	0.053	0.073	0.023
Total Organic Carbon	.01	WT%		0.395	1.060	4.320	0.853	0.266
			2129 2006	2130 2006	2131 2006	2132 2006	2133 2006	2135 2006
			Avg	Avg	Avg	Avg	Avg	Avg
Analyte	MDL	Units						
Total Nitrogen	.005	WT%		0.070	0.088	0.075	0.086	0.074
Total Organic Carbon	.01	WT%		0.755	1.080	0.838	2.230	1.690
			2136 2006	2137 2006	2138 2006	2139 2006		
			Avg	Avg	Avg	Avg		
Analyte	MDL	Units						
Total Nitrogen	.005	WT%		0.074	0.057	0.090	0.044	
Total Organic Carbon	.01	WT%		0.855	3.150	1.180	0.531	

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - STANDARD  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		I-1	I-2	I-3	I-4	I-6
Date:		2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average
Aluminum	1.2	MG/KG	3080	1230	589	3740
Antimony	.13	MG/KG	0.195	ND	ND	0.165
Arsenic	.33	MG/KG	0.94	0.46	0.69	1.04
Beryllium	.0012	MG/KG	0.027	0.012	0.010	0.023
Cadmium	.0104	MG/KG	0.059	0.015	0.020	0.026
Chromium	.016	MG/KG	7.4	6.0	3.7	7.7
Copper	.028	MG/KG	3.70	1.74	0.66	3.00
Iron	.76	MG/KG	3990	1270	880	4050
Lead	.142	MG/KG	2.31	1.05	0.56	2.22
Manganese	.0037	MG/KG	35.9	10.5	5.6	41.8
Mercury	.003	MG/KG	0.007	ND	ND	ND
Nickel	.0364	MG/KG	2.22	0.87	0.52	2.60
Selenium	.24	MG/KG	ND	ND	ND	ND
Silver	.013	MG/KG	ND	0.06	0.05	0.03
Thallium	.221	MG/KG	ND	ND	ND	ND
Tin	.059	MG/KG	0.7	0.8	0.9	0.6
Zinc	.0521	MG/KG	7.6	2.1	1.5	8.8

Source:		I-7	I-8	I-9	I-10	I-12
Date:		2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average
Aluminum	1.2	MG/KG	1050	1400	7490	6140
Antimony	.13	MG/KG	0.175	ND	0.160	0.185
Arsenic	.33	MG/KG	6.44	2.61	1.08	1.36
Beryllium	.0012	MG/KG	0.014	0.020	0.043	0.034
Cadmium	.0104	MG/KG	0.064	0.039	0.035	0.023
Chromium	.016	MG/KG	9.3	8.2	12.1	8.9
Copper	.028	MG/KG	1.69	1.40	5.93	51.70
Iron	.76	MG/KG	6690	3790	7900	6720
Lead	.142	MG/KG	2.16	1.25	3.10	1.93
Manganese	.0037	MG/KG	14.7	15.5	78.6	76.6
Mercury	.003	MG/KG	ND	ND	<0.003	ND
Nickel	.0364	MG/KG	0.79	1.05	4.84	2.75
Selenium	.24	MG/KG	ND	ND	ND	ND
Silver	.013	MG/KG	ND	0.02	0.09	0.03
Thallium	.221	MG/KG	ND	ND	0.27	ND
Tin	.059	MG/KG	0.7	0.6	0.7	0.7
Zinc	.0521	MG/KG	5.2	6.0	19.3	73.8

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - STANDARD  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		I-13	I-14	I-15	I-16	I-18
Date:		2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average
Aluminum	1.2	MG/KG	1080	6160	2310	3310
Antimony	.13	MG/KG	0.180	0.195	<0.130	<0.130
Arsenic	.33	MG/KG	5.24	1.48	2.13	1.38
Beryllium	.0012	MG/KG	0.014	0.038	0.029	0.030
Cadmium	.0104	MG/KG	0.050	0.045	0.032	0.055
Chromium	.016	MG/KG	10.2	9.8	8.1	7.1
Copper	.028	MG/KG	2.50	5.17	1.67	3.08
Iron	.76	MG/KG	5630	6580	4220	4470
Lead	.142	MG/KG	2.27	2.95	1.79	1.91
Manganese	.0037	MG/KG	15.7	67.4	28.5	45.2
Mercury	.003	MG/KG	ND	<0.003	<0.003	0.004
Nickel	.0364	MG/KG	1.19	3.34	1.61	2.07
Selenium	.24	MG/KG	ND	ND	ND	ND
Silver	.013	MG/KG	ND	0.09	ND	0.02
Thallium	.221	MG/KG	ND	<0.22	ND	ND
Tin	.059	MG/KG	0.6	0.6	0.6	0.9
Zinc	.0521	MG/KG	5.2	16.3	8.4	10.1

Source:		I-20	I-21	I-22	I-23	I-27
Date:		2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average
Aluminum	1.2	MG/KG	1610	1030	4190	3340
Antimony	.13	MG/KG	<0.13	0.135	<0.13	<0.13
Arsenic	.33	MG/KG	2.40	10.80	1.53	1.48
Beryllium	.0012	MG/KG	0.025	0.018	0.028	0.034
Cadmium	.0104	MG/KG	0.025	0.086	0.046	0.061
Chromium	.016	MG/KG	5.8	10.7	8.3	6.4
Copper	.028	MG/KG	1.50	2.53	2.51	3.20
Iron	.76	MG/KG	4410	8150	4770	4120
Lead	.142	MG/KG	1.75	2.77	2.62	2.02
Manganese	.0037	MG/KG	16.9	14.1	43.8	40.8
Mercury	.003	MG/KG	<0.003	ND	<0.003	ND
Nickel	.0364	MG/KG	1.36	0.82	2.47	1.72
Selenium	.24	MG/KG	ND	ND	ND	ND
Silver	.013	MG/KG	ND	ND	0.03	0.02
Thallium	.221	MG/KG	ND	ND	ND	<0.22
Tin	.059	MG/KG	0.7	0.9	0.8	0.7
Zinc	.0521	MG/KG	6.6	5.8	10.3	7.0

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - STANDARD  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		I-28	I-29	I-30	I-31	I-33
Date:		2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average
Aluminum	1.2	MG/KG	5320	8680	6560	3300
Antimony	.13	MG/KG	0.230	0.283	0.230	0.175
Arsenic	.33	MG/KG	2.88	2.71	1.85	0.80
Beryllium	.0012	MG/KG	0.063	0.066	0.042	0.023
Cadmium	.0104	MG/KG	0.057	0.052	0.062	0.027
Chromium	.016	MG/KG	10.4	13.7	11.0	6.6
Copper	.028	MG/KG	6.53	7.28	4.16	2.11
Iron	.76	MG/KG	7540	9860	6780	3140
Lead	.142	MG/KG	4.15	4.40	2.76	1.64
Manganese	.0037	MG/KG	56.6	90.0	65.3	35.5
Mercury	.003	MG/KG	0.022	0.008	0.010	ND
Nickel	.0364	MG/KG	5.43	5.75	3.52	1.48
Selenium	.24	MG/KG	ND	ND	ND	ND
Silver	.013	MG/KG	0.05	0.06	0.05	0.02
Thallium	.221	MG/KG	ND	<0.22	ND	<0.22
Tin	.059	MG/KG	1.1	1.0	0.7	0.6
Zinc	.0521	MG/KG	17.1	22.7	16.2	6.1
						14.2

Source:		I-34	I-35
Date:		2006	2006
Analyte:	MDL	Units	Average
Aluminum	1.2	MG/KG	1410
Antimony	.13	MG/KG	<0.130
Arsenic	.33	MG/KG	1.58
Beryllium	.0012	MG/KG	0.010
Cadmium	.0104	MG/KG	0.015
Chromium	.016	MG/KG	4.1
Copper	.028	MG/KG	2.94
Iron	.76	MG/KG	3250
Lead	.142	MG/KG	2.35
Manganese	.0037	MG/KG	23.1
Mercury	.003	MG/KG	ND
Nickel	.0364	MG/KG	0.73
Selenium	.24	MG/KG	ND
Silver	.013	MG/KG	ND
Thallium	.221	MG/KG	<0.22
Tin	.059	MG/KG	1.1
Zinc	.0521	MG/KG	4.7
			26.2

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - RANDOM  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		2014	2021	2023	2028	2031
Date:		2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average
Aluminum	1.2	MG/KG	11500	11000	11300	17000
Antimony	.13	MG/KG	ND	ND	0.27	0.47
Arsenic	.33	MG/KG	3.81	3.62	4.61	3.32
Beryllium	.0012	MG/KG	ND	ND	ND	ND
Cadmium	.0104	MG/KG	0.10	0.11	0.09	0.25
Chromium	.016	MG/KG	18.4	19.0	26.5	28.6
Copper	.028	MG/KG	6.10	7.06	6.28	13.70
Iron	.76	MG/KG	14600	11700	22200	18600
Lead	.142	MG/KG	9.02	10.70	11.10	15.30
Manganese	.0037	MG/KG	144.0	114.0	135.0	150.0
Mercury	.003	MG/KG	ND	0.024	0.018	0.047
Nickel	.036	MG/KG	6.72	7.85	9.00	16.00
Selenium	.24	MG/KG	ND	ND	ND	0.362
Silver	.013	MG/KG	ND	ND	ND	ND
Thallium	.22	MG/KG	0.3	ND	ND	ND
Tin	.059	MG/KG	0.5	1.0	0.7	0.5
Zinc	.052	MG/KG	22.9	18.6	24.0	29.5

Source:		2038	2046	2110	2111	2112
Date:		2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average
Aluminum	1.2	MG/KG	9950	5380	1400	11100
Antimony	.13	MG/KG	0.23	0.15	<0.13	0.35
Arsenic	.33	MG/KG	2.74	0.86	7.10	2.29
Beryllium	.0012	MG/KG	ND	ND	ND	ND
Cadmium	.0104	MG/KG	0.15	0.06	0.06	0.09
Chromium	.016	MG/KG	15.6	9.0	10.7	17.8
Copper	.028	MG/KG	6.13	0.76	ND	5.33
Iron	.76	MG/KG	11100	5750	7020	14300
Lead	.142	MG/KG	9.20	4.13	2.60	24.40
Manganese	.0037	MG/KG	93.5	73.0	20.2	129.0
Mercury	.003	MG/KG	0.020	ND	ND	ND
Nickel	.036	MG/KG	6.98	2.18	0.86	6.75
Selenium	.24	MG/KG	ND	ND	ND	ND
Silver	.013	MG/KG	ND	ND	ND	ND
Thallium	.22	MG/KG	ND	<0.2	ND	ND
Tin	.059	MG/KG	1.4	0.5	0.7	1.1
Zinc	.052	MG/KG	20.6	5.7	5.7	25.0

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - RANDOM  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		2113	2114	2115	2118	2119	
Date:		2006	2006	2006	2006	2006	
Analyte:	MDL	Units	Average	Average	Average	Average	
=====	=====	=====	=====	=====	=====	=====	
Aluminum	1.2	MG/KG	4490	6160	1990	12100	6130
Antimony	.13	MG/KG	ND	0.13	ND	0.33	0.20
Arsenic	.33	MG/KG	1.42	2.02	2.53	3.84	4.31
Beryllium	.0012	MG/KG	ND	ND	ND	ND	ND
Cadmium	.0104	MG/KG	0.05	0.10	0.05	0.12	0.16
Chromium	.016	MG/KG	8.3	10.6	7.1	20.1	24.5
Copper	.028	MG/KG	1.82	3.52	ND	14.30	4.48
Iron	.76	MG/KG	5280	7250	4600	14400	14600
Lead	.142	MG/KG	4.28	5.60	2.53	13.30	6.21
Manganese	.0037	MG/KG	48.0	60.0	18.5	111.0	42.1
Mercury	.003	MG/KG	ND	0.008	ND	0.074	0.007
Nickel	.036	MG/KG	3.50	5.19	1.51	9.82	7.25
Selenium	.24	MG/KG	ND	ND	ND	0.317	0.285
Silver	.013	MG/KG	0.02	ND	ND	ND	ND
Thallium	.22	MG/KG	<0.2	ND	ND	ND	ND
Tin	.059	MG/KG	1.1	1.2	1.2	1.2	0.3
Zinc	.052	MG/KG	9.0	12.8	5.8	25.9	14.3

Source:		2120	2121	2122	2123	2124	
Date:		2006	2006	2006	2006	2006	
Analyte:	MDL	Units	Average	Average	Average	Average	
=====	=====	=====	=====	=====	=====	=====	
Aluminum	1.2	MG/KG	7700	12500	6430	11200	10400
Antimony	.13	MG/KG	ND	0.66	0.16	ND	0.24
Arsenic	.33	MG/KG	2.74	3.42	1.63	2.20	2.50
Beryllium	.0012	MG/KG	ND	ND	ND	ND	ND
Cadmium	.0104	MG/KG	0.10	0.20	0.09	0.13	0.12
Chromium	.016	MG/KG	13.5	20.2	10.5	16.0	17.6
Copper	.028	MG/KG	4.17	12.40	2.19	5.62	6.90
Iron	.76	MG/KG	9880	14800	6330	11600	12800
Lead	.142	MG/KG	7.62	331.00	4.48	8.38	10.70
Manganese	.0037	MG/KG	85.1	116.0	70.2	112.0	95.0
Mercury	.003	MG/KG	0.013	0.050	ND	0.014	0.022
Nickel	.036	MG/KG	4.79	9.04	3.35	6.33	7.47
Selenium	.24	MG/KG	ND	ND	ND	ND	ND
Silver	.013	MG/KG	ND	ND	ND	ND	ND
Thallium	.22	MG/KG	ND	ND	ND	ND	ND
Tin	.059	MG/KG	1.2	9.0	0.8	1.2	0.8
Zinc	.052	MG/KG	17.9	40.6	12.5	23.8	20.2

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - RANDOM  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		2125	2126	2127	2128	2129
Date:		2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average
Aluminum	1.2	MG/KG	5900	13300	5050	3190
Antimony	.13	MG/KG	0.37	0.40	ND	0.14
Arsenic	.33	MG/KG	5.12	3.30	2.23	1.42
Beryllium	.0012	MG/KG	ND	ND	ND	ND
Cadmium	.0104	MG/KG	0.15	0.21	0.05	0.05
Chromium	.016	MG/KG	29.0	20.8	7.8	12.7
Copper	.028	MG/KG	3.34	9.10	1.44	0.58
Iron	.76	MG/KG	15600	15200	5640	9940
Lead	.142	MG/KG	5.27	12.90	4.48	4.17
Manganese	.0037	MG/KG	33.4	147.0	60.2	68.5
Mercury	.003	MG/KG	0.004	0.031	ND	ND
Nickel	.036	MG/KG	6.25	9.58	2.28	2.15
Selenium	.24	MG/KG	ND	0.663	ND	0.358
Silver	.013	MG/KG	ND	ND	ND	ND
Thallium	.22	MG/KG	ND	ND	ND	ND
Tin	.059	MG/KG	0.2	1.2	NA	0.5
Zinc	.052	MG/KG	14.7	26.2	11.1	7.5

Source:		2130	2131	2132	2133	2135
Date:		2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average
Aluminum	1.2	MG/KG	12200	13900	10700	12400
Antimony	.13	MG/KG	0.22	0.37	0.39	0.27
Arsenic	.33	MG/KG	3.61	3.82	3.52	3.77
Beryllium	.0012	MG/KG	ND	ND	ND	ND
Cadmium	.0104	MG/KG	0.19	0.18	0.45	0.12
Chromium	.016	MG/KG	22.2	22.6	29.9	23.8
Copper	.028	MG/KG	9.43	9.49	7.58	7.95
Iron	.76	MG/KG	15300	16300	20300	18800
Lead	.142	MG/KG	11.60	13.60	9.66	11.70
Manganese	.0037	MG/KG	115.0	142.0	92.1	126.0
Mercury	.003	MG/KG	0.035	0.050	0.021	0.022
Nickel	.036	MG/KG	11.30	9.99	10.00	9.86
Selenium	.24	MG/KG	ND	ND	0.288	ND
Silver	.013	MG/KG	ND	ND	ND	ND
Thallium	.22	MG/KG	ND	<0.2	ND	ND
Tin	.059	MG/KG	0.8	1.1	0.8	1.0
Zinc	.052	MG/KG	21.9	25.2	22.8	21.5

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WASTEWATER RECLAMATION PLANT  
ANNUAL OCEAN SEDIMENT - RANDOM  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		2136	2137	2138	2139
Date:		2006	2006	2006	2006
Analyte:	MDL Units	Average	Average	Average	Average
Aluminum	.1.2 MG/KG	13200	7110	15800	10700
Antimony	.13 MG/KG	0.20	ND	0.32	0.24
Arsenic	.33 MG/KG	3.01	3.41	3.45	3.23
Beryllium	.0012 MG/KG	ND	ND	ND	ND
Cadmium	.0104 MG/KG	0.13	0.12	0.50	0.07
Chromium	.016 MG/KG	22.9	17.6	26.7	19.4
Copper	.028 MG/KG	7.74	3.50	10.30	5.04
Iron	.76 MG/KG	17100	15900	18300	16500
Lead	.142 MG/KG	12.40	8.30	13.90	9.14
Manganese	.0037 MG/KG	139.0	90.2	145.0	119.0
Mercury	.003 MG/KG	0.020	0.003	0.031	0.008
Nickel	.036 MG/KG	8.89	5.23	12.00	6.74
Selenium	.24 MG/KG	ND	ND	0.323	ND
Silver	.013 MG/KG	ND	ND	ND	ND
Thallium	.22 MG/KG	ND	ND	ND	ND
Tin	.059 MG/KG	1.0	0.8	0.9	0.1
Zinc	.052 MG/KG	21.5	16.9	24.2	21.0

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	I-1 2006	I-2 2006	I-3 2006	I-4 2006	I-6 2006	I-7 2006	I-8 2006	I-9 2006
	Units	Avg							
Aldrin	700 NG/KG	ND							
Dieldrin	700 NG/KG	ND							
BHC, Alpha isomer	400 NG/KG	ND							
BHC, Beta isomer	400 NG/KG	ND							
BHC, Gamma isomer	400 NG/KG	ND							
BHC, Delta isomer	400 NG/KG	ND							
p,p-DDD	700 NG/KG	ND							
p,p-DDE	400 NG/KG	ND							
p,p-DDT	700 NG/KG	ND							
o,p-DDD	400 NG/KG	ND							
o,p-DDE	700 NG/KG	ND							
o,p-DDT	700 NG/KG	ND							
Heptachlor	700 NG/KG	ND							
Heptachlor epoxide	700 NG/KG	ND							
Alpha (cis) Chlordane	700 NG/KG	ND							
Gamma (trans) Chlordane	700 NG/KG	ND							
Alpha Chlordene	NG/KG	NA							
Gamma Chlordene	NG/KG	NA							
Oxychlordane	700 NG/KG	ND							
Trans Nonachlor	700 NG/KG	ND							
Cis Nonachlor	700 NG/KG	ND							
Alpha Endosulfan	700 NG/KG	ND							
Beta Endosulfan	700 NG/KG	ND							
Endosulfan Sulfate	700 NG/KG	ND							
Endrin	700 NG/KG	ND							
Endrin aldehyde	700 NG/KG	ND							
Mirex	700 NG/KG	ND							
Methoxychlor	700 NG/KG	ND							
Aldrin + Dieldrin	700 NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	400 NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives	700 NG/KG	0	0	0	0	0	0	0	0
Chlordane + related cmpds.	700 NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons	700 NG/KG	0	0	0	0	0	0	0	0

nd=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	I-10 2006	I-12 2006	I-13 2006	I-14 2006	I-15 2006	I-16 2006	I-18 2006	I-20 2006
	Units	Avg							
Aldrin	700 NG/KG	ND							
Dieldrin	700 NG/KG	ND							
BHC, Alpha isomer	400 NG/KG	ND							
BHC, Beta isomer	400 NG/KG	ND							
BHC, Gamma isomer	400 NG/KG	ND							
BHC, Delta isomer	400 NG/KG	ND							
p,p-DDD	700 NG/KG	ND							
p,p-DDE	400 NG/KG	ND							
p,p-DDT	700 NG/KG	ND							
o,p-DDD	400 NG/KG	ND							
o,p-DDE	700 NG/KG	ND							
o,p-DDT	700 NG/KG	ND							
Heptachlor	700 NG/KG	ND							
Heptachlor epoxide	700 NG/KG	ND							
Alpha (cis) Chlordane	700 NG/KG	ND							
Gamma (trans) Chlordane	700 NG/KG	ND							
Alpha Chlordene	NG/KG	NA							
Gamma Chlordene	NG/KG	NA							
Oxychlordane	700 NG/KG	ND							
Trans Nonachlor	700 NG/KG	ND							
Cis Nonachlor	700 NG/KG	ND							
Alpha Endosulfan	700 NG/KG	ND							
Beta Endosulfan	700 NG/KG	ND							
Endosulfan Sulfate	700 NG/KG	ND							
Endrin	700 NG/KG	ND							
Endrin aldehyde	700 NG/KG	ND							
Mirex	700 NG/KG	ND							
Methoxychlor	700 NG/KG	ND							
Aldrin + Dieldrin	700 NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	400 NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives	700 NG/KG	0	0	0	0	0	0	0	0
Chlordane + related cmpds.	700 NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons	700 NG/KG	0	0	0	0	0	0	0	0

nd=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	I-21 2006	I-22 2006	I-23 2006	I-27 2006	I-28 2006	I-29 2006	I-30 2006	I-31 2006
	Units	Avg							
Aldrin	700 NG/KG	ND							
Dieldrin	700 NG/KG	ND							
BHC, Alpha isomer	400 NG/KG	ND							
BHC, Beta isomer	400 NG/KG	ND							
BHC, Gamma isomer	400 NG/KG	ND							
BHC, Delta isomer	400 NG/KG	ND							
p,p-DDD	700 NG/KG	ND							
p,p-DDE	400 NG/KG	ND	ND	ND	ND	845	920	ND	ND
p,p-DDT	700 NG/KG	ND							
o,p-DDD	400 NG/KG	ND							
o,p-DDE	700 NG/KG	ND							
o,p-DDT	700 NG/KG	ND							
Heptachlor	700 NG/KG	ND							
Heptachlor epoxide	700 NG/KG	ND							
Alpha (cis) Chlordane	700 NG/KG	ND							
Gamma (trans) Chlordane	700 NG/KG	ND							
Alpha Chlordene	NG/KG	NA							
Gamma Chlordene	NG/KG	NA							
Oxychlordane	700 NG/KG	ND							
Trans Nonachlor	700 NG/KG	ND							
Cis Nonachlor	700 NG/KG	ND							
Alpha Endosulfan	700 NG/KG	ND							
Beta Endosulfan	700 NG/KG	ND							
Endosulfan Sulfate	700 NG/KG	ND							
Endrin	700 NG/KG	ND							
Endrin aldehyde	700 NG/KG	ND							
Mirex	700 NG/KG	ND							
Methoxychlor	700 NG/KG	ND							
Aldrin + Dieldrin	700 NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	400 NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives	700 NG/KG	0	0	0	0	845	920	0	0
Chlordane + related cmpds.	700 NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons	700 NG/KG	0	0	0	0	845	920	0	0

nd=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL Units	I-33 2006	I-34 2006	I-35 2006
		Avg	Avg	Avg
Aldrin	700 NG/KG	ND	ND	ND
Dieldrin	700 NG/KG	ND	ND	ND
BHC, Alpha isomer	400 NG/KG	ND	ND	ND
BHC, Beta isomer	400 NG/KG	ND	ND	ND
BHC, Gamma isomer	400 NG/KG	ND	ND	ND
BHC, Delta isomer	400 NG/KG	ND	ND	ND
p,p-DDD	700 NG/KG	ND	ND	ND
p,p-DDE	400 NG/KG	ND	ND	ND
p,p-DDT	700 NG/KG	ND	ND	ND
o,p-DDD	400 NG/KG	ND	ND	ND
o,p-DDE	700 NG/KG	ND	ND	ND
o,p-DDT	700 NG/KG	ND	ND	ND
Heptachlor	700 NG/KG	ND	ND	ND
Heptachlor epoxide	700 NG/KG	ND	ND	ND
Alpha (cis) Chlordane	700 NG/KG	ND	ND	ND
Gamma (trans) Chlordane	700 NG/KG	ND	ND	ND
Alpha Chlordene	NG/KG	NA	NA	NA
Gamma Chlordene	NG/KG	NA	NA	NA
Oxychlordane	700 NG/KG	ND	ND	ND
Trans Nonachlor	700 NG/KG	ND	ND	ND
Cis Nonachlor	700 NG/KG	ND	ND	ND
Alpha Endosulfan	700 NG/KG	ND	ND	ND
Beta Endosulfan	700 NG/KG	<700	ND	ND
Endosulfan Sulfate	700 NG/KG	ND	ND	ND
Endrin	700 NG/KG	ND	ND	ND
Endrin aldehyde	700 NG/KG	ND	ND	ND
Mirex	700 NG/KG	ND	ND	ND
Methoxychlor	700 NG/KG	ND	ND	ND
Aldrin + Dieldrin	700 NG/KG	0	0	0
Hexachlorocyclohexanes	400 NG/KG	0	0	0
DDT and derivatives	700 NG/KG	0	0	0
Chlordane + related cmpds.	700 NG/KG	0	0	0
Chlorinated Hydrocarbons	700 NG/KG	0	0	0

nd=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	Units	2014 2006	2021 2006	2023 2006	2028 2006	2031 2006	2038 2006	2046 2006	2110 2006
			Avg							
Aldrin		700 NG/KG	ND							
Dieldrin		700 NG/KG	ND							
BHC, Alpha isomer		400 NG/KG	ND							
BHC, Beta isomer		400 NG/KG	ND							
BHC, Gamma isomer		400 NG/KG	ND							
BHC, Delta isomer		400 NG/KG	ND							
p,p-DDD		700 NG/KG	ND							
p,p-DDE		400 NG/KG	560	ND	ND	550	760	720	ND	ND
p,p-DDT		700 NG/KG	ND							
o,p-DDD		400 NG/KG	ND							
o,p-DDE		700 NG/KG	ND							
o,p-DDT		700 NG/KG	ND							
Heptachlor		700 NG/KG	ND							
Heptachlor epoxide		700 NG/KG	ND							
Alpha (cis) Chlordane		700 NG/KG	ND							
Gamma (trans) Chlordane		700 NG/KG	ND							
Alpha Chlordene		NG/KG	NA							
Gamma Chlordene		NG/KG	NA							
Oxychlordane		700 NG/KG	ND							
Trans Nonachlor		700 NG/KG	ND							
Cis Nonachlor		700 NG/KG	ND							
Alpha Endosulfan		700 NG/KG	ND							
Beta Endosulfan		700 NG/KG	ND							
Endosulfan Sulfate		700 NG/KG	ND							
Endrin		700 NG/KG	ND							
Endrin aldehyde		700 NG/KG	ND							
Mirex		700 NG/KG	ND							
Methoxychlor		700 NG/KG	ND							
Aldrin + Dieldrin		700 NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes		400 NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives		700 NG/KG	560	0	0	550	760	720	0	0
Chlordane + related cmpds.		700 NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons		700 NG/KG	560	0	0	550	760	720	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	Units	2111 2006	2112 2006	2113 2006	2114 2006	2115 2006	2118 2006	2119 2006	2120 2006
	MDL	Units	Avg							
Aldrin	700	NG/KG	ND							
Dieldrin	700	NG/KG	ND							
BHC, Alpha isomer	400	NG/KG	ND							
BHC, Beta isomer	400	NG/KG	ND							
BHC, Gamma isomer	400	NG/KG	ND							
BHC, Delta isomer	400	NG/KG	ND							
p,p-DDD	700	NG/KG	ND							
p,p-DDE	400	NG/KG	ND	ND	490	ND	ND	ND	ND	ND
p,p-DDT	700	NG/KG	ND							
o,p-DDD	400	NG/KG	ND							
o,p-DDE	700	NG/KG	ND							
o,p-DDT	700	NG/KG	ND							
Heptachlor	700	NG/KG	ND							
Heptachlor epoxide	700	NG/KG	ND							
Alpha (cis) Chlordane	700	NG/KG	ND							
Gamma (trans) Chlordane	700	NG/KG	ND							
Alpha Chlordene		NG/KG	NA							
Gamma Chlordene		NG/KG	NA							
Oxychlordane	700	NG/KG	ND							
Trans Nonachlor	700	NG/KG	ND							
Cis Nonachlor	700	NG/KG	ND							
Alpha Endosulfan	700	NG/KG	ND							
Beta Endosulfan	700	NG/KG	ND							
Endosulfan Sulfate	700	NG/KG	ND							
Endrin	700	NG/KG	ND							
Endrin aldehyde	700	NG/KG	ND							
Mirex	700	NG/KG	ND							
Methoxychlor	700	NG/KG	ND							
Aldrin + Dieldrin	700	NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives	700	NG/KG	0	0	0	490	0	0	0	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	0	0	0	490	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	Units	2121 2006	2122 2006	2123 2006	2124 2006	2125 2006	2126 2006	2127 2006	2128 2006
			Avg							
Aldrin	700	NG/KG	ND							
Dieldrin	700	NG/KG	ND							
BHC, Alpha isomer	400	NG/KG	ND							
BHC, Beta isomer	400	NG/KG	ND							
BHC, Gamma isomer	400	NG/KG	ND							
BHC, Delta isomer	400	NG/KG	ND							
p,p-DDD	700	NG/KG	ND							
p,p-DDE	400	NG/KG	750	ND	E310	ND	ND	690	ND	ND
p,p-DDT	700	NG/KG	ND							
o,p-DDD	400	NG/KG	ND							
o,p-DDE	700	NG/KG	ND							
o,p-DDT	700	NG/KG	ND							
Heptachlor	700	NG/KG	ND							
Heptachlor epoxide	700	NG/KG	ND							
Alpha (cis) Chlordane	700	NG/KG	ND							
Gamma (trans) Chlordane	700	NG/KG	ND							
Alpha Chlordene		NG/KG	NA							
Gamma Chlordene		NG/KG	NA							
Oxychlordane	700	NG/KG	ND							
Trans Nonachlor	700	NG/KG	ND							
Cis Nonachlor	700	NG/KG	ND							
Alpha Endosulfan	700	NG/KG	ND							
Beta Endosulfan	700	NG/KG	ND							
Endosulfan Sulfate	700	NG/KG	ND							
Endrin	700	NG/KG	ND							
Endrin aldehyde	700	NG/KG	ND							
Mirex	700	NG/KG	ND							
Methoxychlor	700	NG/KG	ND							
Aldrin + Dieldrin	700	NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives	700	NG/KG	750	0	310	0	0	690	0	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	750	0	310	0	0	690	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	Units	2129 2006	2130 2006	2131 2006	2132 2006	2133 2006	2135 2006	2136 2006	2137 2006
	MDL	Units	Avg							
Aldrin	700	NG/KG	ND							
Dieldrin	700	NG/KG	ND							
BHC, Alpha isomer	400	NG/KG	ND							
BHC, Beta isomer	400	NG/KG	ND							
BHC, Gamma isomer	400	NG/KG	ND							
BHC, Delta isomer	400	NG/KG	ND							
p,p-DDD	700	NG/KG	ND							
p,p-DDE	400	NG/KG	580	ND	ND	490	550	550	E350	ND
p,p-DDT	700	NG/KG	ND							
o,p-DDD	400	NG/KG	ND							
o,p-DDE	700	NG/KG	ND							
o,p-DDT	700	NG/KG	ND							
Heptachlor	700	NG/KG	ND							
Heptachlor epoxide	700	NG/KG	ND							
Alpha (cis) Chlordane	700	NG/KG	ND							
Gamma (trans) Chlordane	700	NG/KG	ND							
Alpha Chlordene		NG/KG	NA							
Gamma Chlordene		NG/KG	NA							
Oxychlordane	700	NG/KG	ND							
Trans Nonachlor	700	NG/KG	ND							
Cis Nonachlor	700	NG/KG	ND							
Alpha Endosulfan	700	NG/KG	ND							
Beta Endosulfan	700	NG/KG	ND							
Endosulfan Sulfate	700	NG/KG	ND							
Endrin	700	NG/KG	ND							
Endrin aldehyde	700	NG/KG	ND							
Mirex	700	NG/KG	ND							
Methoxychlor	700	NG/KG	ND							
Aldrin + Dieldrin	700	NG/KG	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	400	NG/KG	0	0	0	0	0	0	0	0
DDT and derivatives	700	NG/KG	580	0	0	490	550	550	350	0
Chlordane + related cmpds.	700	NG/KG	0	0	0	0	0	0	0	0
Chlorinated Hydrocarbons	700	NG/KG	580	0	0	490	550	550	350	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Chlorinated Pesticide Analysis - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL Units	2138 2006	2139 2006
	Avg	Avg	
Aldrin	700 NG/KG	ND	ND
Dieldrin	700 NG/KG	ND	ND
BHC, Alpha isomer	400 NG/KG	ND	ND
BHC, Beta isomer	400 NG/KG	ND	ND
BHC, Gamma isomer	400 NG/KG	ND	ND
BHC, Delta isomer	400 NG/KG	ND	ND
p,p-DDD	700 NG/KG	ND	ND
p,p-DDE	400 NG/KG	690	440
p,p-DDT	700 NG/KG	ND	ND
o,p-DDD	400 NG/KG	ND	ND
o,p-DDE	700 NG/KG	ND	ND
o,p-DDT	700 NG/KG	ND	ND
Heptachlor	700 NG/KG	ND	ND
Heptachlor epoxide	700 NG/KG	ND	ND
Alpha (cis) Chlordane	700 NG/KG	ND	ND
Gamma (trans) Chlordane	700 NG/KG	ND	ND
Alpha Chlordene	NG/KG	NA	NA
Gamma Chlordene	NG/KG	NA	NA
Oxychlordane	700 NG/KG	ND	ND
Trans Nonachlor	700 NG/KG	ND	ND
Cis Nonachlor	700 NG/KG	ND	ND
Alpha Endosulfan	700 NG/KG	ND	ND
Beta Endosulfan	700 NG/KG	ND	ND
Endosulfan Sulfate	700 NG/KG	ND	ND
Endrin	700 NG/KG	ND	ND
Endrin aldehyde	700 NG/KG	ND	ND
Mirex	700 NG/KG	ND	ND
Methoxychlor	700 NG/KG	ND	ND
Aldrin + Dieldrin	700 NG/KG	0	0
Hexachlorocyclohexanes	400 NG/KG	0	0
DDT and derivatives	700 NG/KG	690	440
Chlordane + related cmpds.	700 NG/KG	0	0
Chlorinated Hydrocarbons	700 NG/KG	690	440

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-1	I-2	I-3	I-4	I-6	I-7
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-8	I-9	I-10	I-12	I-13	I-14
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-15	I-16	I-18	I-20	I-21	I-22
			2006	2006	2006	2006	2006	2006
		Avg	Avg	Avg	Avg	Avg	Avg	Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-23 2006	I-27 2006	I-28 2006	I-29 2006	I-30 2006	I-31 2006
			Avg	Avg	Avg	Avg	Avg	Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners (I-1 to I-35)

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	I-33	I-34	I-35
			2006	2006	2006
			Avg	Avg	Avg
PCB 18	700	NG/KG	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2014	2021	2023	2028	2031	2038
			2006	2006	2006	2006	2006	2006
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2046	2110	2111	2112	2113	2114
			2006	2006	2006	2006	2006	2006
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	E440	ND	ND	ND
PCB 81	700	NG/KG	ND	ND		ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	E440	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2115 2006	2118 2006	2119 2006	2120 2006	2121 2006	2122 2006
			Avg	Avg	Avg	Avg	Avg	Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	E310	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	E460	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	E280	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	E320	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	E320	0	0	1050	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2123 2006	2124 2006	2125 2006	2126 2006	2127 2006	2128 2006
			Avg	Avg	Avg	Avg	Avg	Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	E430	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	E490	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	E510	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	E330	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	E1760	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2129 2006	2130 2006	2131 2006	2132 2006	2133 2006	2135 2006
			Avg	Avg	Avg	Avg	Avg	Avg
PCB 18	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND	ND	E420
PCB 123	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND	ND	E280
PCB 187	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND	ND	E550
PCB 126	1500	NG/KG	ND	ND	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND	ND	E450
PCB 177	700	NG/KG	ND	ND	ND	ND	ND	940
PCB 201	700	NG/KG	ND	ND	ND	ND	ND	720
PCB 156	700	NG/KG	ND	ND	ND	ND	ND	E360
PCB 157	700	NG/KG	ND	ND	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND	ND	480
PCB 170	700	NG/KG	ND	ND	ND	ND	ND	740
Total PCB's	1500	NG/KG	0	0	0	0	0	4940

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL - PCB Congeners Random-stations

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	2136	2137	2138	2139
			2006	2006	2006	2006
PCB 18	700	NG/KG	ND	ND	ND	ND
PCB 28	700	NG/KG	ND	ND	ND	ND
PCB 52	700	NG/KG	ND	ND	ND	ND
PCB 49	700	NG/KG	ND	ND	ND	ND
PCB 44	700	NG/KG	ND	ND	ND	ND
PCB 37	700	NG/KG	ND	ND	ND	ND
PCB 74	700	NG/KG	ND	ND	ND	ND
PCB 70	700	NG/KG	ND	ND	ND	ND
PCB 66	700	NG/KG	ND	ND	ND	ND
PCB 101	700	NG/KG	ND	ND	ND	ND
PCB 99	700	NG/KG	ND	ND	ND	ND
PCB 119	700	NG/KG	ND	ND	ND	ND
PCB 87	700	NG/KG	ND	ND	ND	ND
PCB 110	700	NG/KG	ND	ND	ND	ND
PCB 81	700	NG/KG	ND	ND	ND	ND
PCB 151	700	NG/KG	ND	ND	ND	ND
PCB 77	700	NG/KG	ND	ND	ND	ND
PCB 149	700	NG/KG	ND	ND	ND	ND
PCB 123	700	NG/KG	ND	ND	ND	ND
PCB 118	700	NG/KG	ND	ND	ND	ND
PCB 114	700	NG/KG	ND	ND	ND	ND
PCB 105	700	NG/KG	ND	ND	ND	ND
PCB 138	700	NG/KG	ND	ND	ND	ND
PCB 158	700	NG/KG	ND	ND	ND	ND
PCB 187	700	NG/KG	ND	ND	ND	ND
PCB 183	700	NG/KG	ND	ND	ND	ND
PCB 126	1500	NG/KG	ND	ND	ND	ND
PCB 128	700	NG/KG	ND	ND	ND	ND
PCB 167	700	NG/KG	ND	ND	ND	ND
PCB 177	700	NG/KG	ND	ND	ND	ND
PCB 201	700	NG/KG	ND	ND	ND	ND
PCB 156	700	NG/KG	ND	ND	ND	ND
PCB 157	700	NG/KG	ND	ND	ND	ND
PCB 180	400	NG/KG	ND	ND	ND	ND
PCB 170	700	NG/KG	ND	ND	ND	ND
Total PCB's	1500	NG/KG	0	0	0	0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Base/Neutrals - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	Units	I-1 2006	I-2 2006	I-3 2006	I-4 2006	I-6 2006	I-7 2006	I-8 2006
			Avg						
Acenaphthene	11	UG/KG	ND						
Acenaphthylene	11	UG/KG	ND						
Anthracene	14	UG/KG	ND						
Benzo[A]anthracene	34	UG/KG	<34	ND	ND	<34	ND	ND	ND
Benzo[A]pyrene	55	UG/KG	ND						
3,4-benzo(B)fluoranthene	63	UG/KG	ND						
Benzo[e]pyrene	57	UG/KG	ND						
Benzo[G,H,I]perylene	56	UG/KG	ND						
Benzo[K]fluoranthene	82	UG/KG	ND						
Biphenyl		UG/KG	E24	E25	E20	E20	E21	E19	E20
Chrysene	36	UG/KG	ND						
Dibenzo(A,H)anthracene	32	UG/KG	ND						
2,6-dimethylnaphthalene	106	UG/KG	E18	E17	E21	E22	<106	E14	E14
Fluoranthene	24	UG/KG	<24	ND	ND	ND	ND	ND	ND
Fluorene	18	UG/KG	ND						
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND						
1-methylphenanthrene	41	UG/KG	ND						
2-methylnaphthalene		UG/KG	E33	E34	E40	E42	E38	E30	E28
1-methylnaphthalene		UG/KG	E10	E11	E12	E11	E12	E9	E9
Naphthalene	21	UG/KG	E20	29	E23	E23	E22	<21	E21
Perylene	58	UG/KG	ND	<58	ND	ND	<58	ND	
Phenanthrene	32	UG/KG	<32	<32	<32	<32	E8	<32	ND
Pyrene	35	UG/KG	<35	ND	E5	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	134	UG/KG	ND						
Total Base/Neutral Compounds			105	116	121	118	101	72	92

	MDL	Units	I-9 2006	I-10 2006	I-12 2006	I-13 2006	I-14 2006	I-15 2006	I-16 2006
			Avg	Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11	UG/KG	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	11	UG/KG	ND	ND	ND	ND	ND	ND	ND
Anthracene	14	UG/KG	ND	ND	<14	ND	ND	<14	ND
Benzo[A]anthracene	34	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	ND	ND	ND
Biphenyl		UG/KG	E27	E18	E21	E21	E22	E22	E17
Chrysene	36	UG/KG	ND	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	E24	E13	E15	E14	E19	E19	E13
Fluoranthene	24	UG/KG	ND	ND	<24	ND	ND	ND	ND
Fluorene	18	UG/KG	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	ND	ND	<41	ND	ND	ND	ND
2-methylnaphthalene		UG/KG	E48	E30	E31	E30	E41	E38	E29
1-methylnaphthalene		UG/KG	E18	E9	E8	E8	E12	E11	E10
Naphthalene	21	UG/KG	E30	E23	<21	E17	24	E22	43
Perylene	58	UG/KG	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	32	UG/KG	ND	ND	E10	<32	<32	E11	ND
Pyrene	35	UG/KG	ND	ND	<35	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	<134	ND	ND	ND	ND
Total Base/Neutral Compounds			147	93	85	90	118	123	112

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Base/Neutrals - International Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	Units	I-18 2006	I-20 2006	I-21 2006	I-22 2006	I-23 2006	I-27 2006	I-28 2006
			Avg						
Acenaphthene	11	UG/KG	ND						
Acenaphthylene	11	UG/KG	ND	ND	ND	<11	ND	ND	ND
Anthracene	14	UG/KG	ND	ND	ND	ND	ND	ND	<14
Benzo[A]anthracene	34	UG/KG	ND	ND	<34	ND	ND	ND	<34
Benzo[A]pyrene	55	UG/KG	ND						
3,4-benzo(B)fluoranthene	63	UG/KG	ND						
Benzo[e]pyrene	57	UG/KG	ND						
Benzo[G,H,I]perylene	56	UG/KG	ND						
Benzo[K]fluoranthene	82	UG/KG	ND						
Biphenyl		UG/KG	E22	E21	E20	E23	E20	E18	E21
Chrysene	36	UG/KG	ND						
Dibenzo(A,H)anthracene	32	UG/KG	ND						
2,6-dimethylnaphthalene	106	UG/KG	E20	E13	E14	E19	E14	E13	<106
Fluoranthene	24	UG/KG	ND	ND	ND	ND	ND	ND	<24
Fluorene	18	UG/KG	ND						
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND						
1-methylphenanthrene	41	UG/KG	ND	ND	<41	<41	ND	ND	ND
2-methylnaphthalene		UG/KG	E38	E27	E30	E37	E30	E27	E17
1-methylnaphthalene		UG/KG	E11	E8	E8	E10	E9	E9	E6
Naphthalene	21	UG/KG	E23	E16	<21	22	<21	<21	<21
Perylene	58	UG/KG	ND	E27	ND	ND	<58	ND	ND
Phenanthrene	32	UG/KG	<32	<32	<32	E16	<32	ND	<32
Pyrene	35	UG/KG	ND	ND	<35	ND	ND	ND	<35
2,3,5-trimethylnaphthalene	134	UG/KG	ND						
Total Base/Neutral Compounds			114	112	72	127	73	67	44

	MDL	Units	I-29 2006	I-30 2006	I-31 2006	I-33 2006	I-34 2006	I-35 2006
			Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11	UG/KG	ND	ND	<11	ND	<11	ND
Acenaphthylene	11	UG/KG	ND	ND	ND	ND	ND	ND
Anthracene	14	UG/KG	ND	ND	ND	ND	<14	<14
Benzo[A]anthracene	34	UG/KG	ND	ND	ND	ND	<34	<34
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	<63	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	ND	ND
Biphenyl		UG/KG	E22	E19	E19	E21	E17	E21
Chrysene	36	UG/KG	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	E16	E19	E13	E14	E11	E18
Fluoranthene	24	UG/KG	ND	ND	ND	ND	ND	<24
Fluorene	18	UG/KG	ND	ND	ND	ND	E6	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	<41	ND	ND	ND	ND	ND
2-methylnaphthalene		UG/KG	E37	E41	E33	E29	E25	E37
1-methylnaphthalene		UG/KG	E14	E11	E13	E9	E8	E11
Naphthalene	21	UG/KG	38	E29	45	E21	E19	E24
Perylene	58	UG/KG	ND	ND	ND	ND	ND	ND
Phenanthrene	32	UG/KG	ND	ND	<32	<32	<32	ND
Pyrene	35	UG/KG	ND	ND	ND	ND	ND	E20
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds			127	119	123	94	86	131

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Base/Neutrals - Random Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	Units	2014 2006	2021 2006	2023 2006	2028 2006	2031 2006	2038 2006	2046 2006
			Avg						
Acenaphthene	11	UG/KG	ND	ND	E6	ND	ND	ND	ND
Acenaphthylene	11	UG/KG	ND	E5	ND	ND	ND	ND	ND
Anthracene	14	UG/KG	E2	E6	E5	ND	E6	ND	ND
Benzo[A]anthracene	34	UG/KG	E30	<34	E27	E30	36	ND	ND
Benzo[A]pyrene	55	UG/KG	ND						
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	E24	ND	ND
Benzo[e]pyrene	57	UG/KG	ND						
Benzo[G,H,I]perylene	56	UG/KG	ND						
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	<82	ND	ND
Biphenyl	89	UG/KG	E20	E22	E17	E24	E22	ND	ND
Chrysene	36	UG/KG	E6	E13	E11	E9	ND	ND	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND						
2,6-dimethylnaphthalene	106	UG/KG	E14	E9	E6	ND	ND	ND	ND
Fluoranthene	24	UG/KG	ND	<24	ND	E12	E13	ND	ND
Fluorene	18	UG/KG	ND	<18	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND						
1-methylphenanthrene	41	UG/KG	ND						
2-methylnaphthalene		UG/KG	E37	E29	E21	E32	E26	E17	E12
1-methylnaphthalene	70	UG/KG	E11	E11	E8	E14	E10	E5	E4
Naphthalene	21	UG/KG	36	38	37	42	34	E17	E14
Perylene	58	UG/KG	ND						
Phenanthrone	32	UG/KG	E15	E18	E16	E27	E18	ND	ND
Pyrene	35	UG/KG	ND	E20	ND	E29	<35	ND	ND
2,3,5-trimethylnaphthalene	134	UG/KG	ND						
Total Base/Neutral Compounds			171	171	154	219	<189	39	30

	MDL	Units	2110 2006	2111 2006	2112 2006	2113 2006	2114 2006	2115 2006	2118 2006
			Avg						
Acenaphthene	11	UG/KG	ND						
Acenaphthylene	11	UG/KG	ND	ND	ND	ND	ND	ND	E3
Anthracene	14	UG/KG	ND	ND	ND	ND	ND	ND	E6
Benzo[A]anthracene	34	UG/KG	ND	ND	ND	E18	ND	ND	36
Benzo[A]pyrene	55	UG/KG	ND						
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	ND	ND	E44
Benzo[e]pyrene	57	UG/KG	ND						
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND	E16
Benzo[K]fluoranthene	82	UG/KG	ND						
Biphenyl	89	UG/KG	E15	E16	E16	E18	E17	E15	E26
Chrysene	36	UG/KG	ND	ND	ND	ND	ND	ND	E13
Dibenzo(A,H)anthracene	32	UG/KG	ND						
2,6-dimethylnaphthalene	106	UG/KG	ND	E7	E5	ND	E4	ND	E9
Fluoranthene	24	UG/KG	ND	ND	ND	E3	E7	ND	E18
Fluorene	18	UG/KG	ND	ND	ND	ND	ND	ND	E5
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND	E26
1-methylphenanthrene	41	UG/KG	ND						
2-methylnaphthalene		UG/KG	E12	E17	E14	E13	E16	E11	E27
1-methylnaphthalene	70	UG/KG	E4	E6	E5	E5	E6	E3	E12
Naphthalene	21	UG/KG	<21	E19	E17	21	26	E11	40
Perylene	58	UG/KG	ND						
Phenanthrone	32	UG/KG	E9	ND	E10	ND	ND	ND	E29
Pyrene	35	UG/KG	ND	ND	ND	E10	E15	ND	40
2,3,5-trimethylnaphthalene	134	UG/KG	ND						
Total Base/Neutral Compounds			31	74	57	98	91	40	350

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Base/Neutrals - Random Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	Units	2119 2006	2120 2006	2121 2006	2122 2006	2123 2006	2124 2006	2125 2006
			Avg						
Acenaphthene	11	UG/KG	<11	ND	ND	ND	ND	ND	ND
Acenaphthylene	11	UG/KG	ND						
Anthracene	14	UG/KG	<14	ND	E3	ND	ND	ND	E2
Benzo[A]anthracene	34	UG/KG	E24	ND	E25	ND	ND	E18	E17
Benzo[A]pyrene	55	UG/KG	ND						
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	E37	ND	ND	ND	ND
Benzo[e]pyrene	57	UG/KG	ND						
Benzo[G,H,I]perylene	56	UG/KG	ND						
Benzo[K]fluoranthene	82	UG/KG	ND						
Biphenyl	89	UG/KG	E18	E17	E18	E16	E16	E21	E18
Chrysene	36	UG/KG	<36	ND	E14	ND	ND	ND	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND						
2,6-dimethylnaphthalene	106	UG/KG	E9	ND	E5	ND	ND	ND	E6
Fluoranthene	24	UG/KG	<24	ND	E12	ND	ND	E5	ND
Fluorene	18	UG/KG	E4	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND						
1-methylphenanthrene	41	UG/KG	ND						
2-methylnaphthalene		UG/KG	E30	E16	E16	E14	E18	E17	E23
1-methylnaphthalene	70	UG/KG	E11	E4	E7	ND	E6	E7	E8
Naphthalene	21	UG/KG	43	E17	29	E13	25	33	27
Perylene	58	UG/KG	ND						
Phenanthrone	32	UG/KG	E13	E11	E14	ND	ND	ND	E12
Pyrene	35	UG/KG	<35	ND	41	ND	ND	E15	E6
2,3,5-trimethylnaphthalene	134	UG/KG	ND						
Total Base/Neutral Compounds			152	65	221	43	65	116	119

	MDL	Units	2126 2006	2127 2006	2128 2006	2129 2006	2130 2006	2131 2006	2132 2006
			Avg						
Acenaphthene	11	UG/KG	ND						
Acenaphthylene	11	UG/KG	ND	ND	E1	ND	ND	ND	ND
Anthracene	14	UG/KG	E5	ND	E6	E3	E3	E4	E5
Benzo[A]anthracene	34	UG/KG	E32	ND	E25	E29	E24	E30	E25
Benzo[A]pyrene	55	UG/KG	ND						
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	E17	E27	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	E22	ND
Benzo[G,H,I]perylene	56	UG/KG	ND						
Benzo[K]fluoranthene	82	UG/KG	ND						
Biphenyl	89	UG/KG	E19	E15	E17	E21	E21	E21	E17
Chrysene	36	UG/KG	E18	ND	ND	E7	E12	E12	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND						
2,6-dimethylnaphthalene	106	UG/KG	E8	ND	ND	E10	E12	E12	ND
Fluoranthene	24	UG/KG	ND	ND	ND	E12	E8	E11	ND
Fluorene	18	UG/KG	ND	ND	E4	E3	E3	ND	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND						
1-methylphenanthrene	41	UG/KG	E1	ND	ND	ND	ND	ND	ND
2-methylnaphthalene		UG/KG	E21	E15	E19	E26	E32	E34	E21
1-methylnaphthalene	70	UG/KG	E9	E6	E8	E9	E10	E13	E8
Naphthalene	21	UG/KG	32	22	59	40	42	48	30
Perylene	58	UG/KG	ND						
Phenanthrone	32	UG/KG	E17	E13	E15	E17	E17	E21	E12
Pyrene	35	UG/KG	E21	ND	E14	E23	E19	E19	E14
2,3,5-trimethylnaphthalene	134	UG/KG	ND						
Total Base/Neutral Compounds			183	71	167	201	220	274	132

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY OCEAN OUTFALL MONITORING  
SEDIMENT ANNUAL Base/Neutrals - Random Stations

From 01-JAN-2006 To 31-DEC-2006

	MDL	Units	2133 2006	2135 2006	2136 2006	2137 2006	2138 2006	2139 2006
			Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	11	UG/KG	E5	ND	ND	ND	ND	ND
Acenaphthylene	11	UG/KG	E5	E2	ND	ND	ND	ND
Anthracene	14	UG/KG	E7	E5	ND	E4	E6	ND
Benzo[A]anthracene	34	UG/KG	E26	E26	E32	E25	E27	E25
Benzo[A]pyrene	55	UG/KG	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	63	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	57	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	56	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	82	UG/KG	ND	ND	ND	ND	ND	ND
Biphenyl	89	UG/KG	E22	E20	E20	E19	E20	E17
Chrysene	36	UG/KG	E10	E8	ND	ND	E8	ND
Dibenzo(A,H)anthracene	32	UG/KG	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	106	UG/KG	E8	E14	E11	E8	ND	E7
Fluoranthene	24	UG/KG	E8	ND	ND	ND	ND	ND
Fluorene	18	UG/KG	ND	E3	E3	E2	ND	ND
Indeno(1,2,3-CD)pyrene	76	UG/KG	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	41	UG/KG	ND	ND	ND	ND	ND	ND
2-methylnaphthalene		UG/KG	E32	E32	E38	E27	E37	E21
1-methylnaphthalene	70	UG/KG	E14	E11	E11	E10	E14	E6
Naphthalene	21	UG/KG	53	36	41	38	46	25
Perylene	58	UG/KG	ND	ND	ND	ND	ND	ND
Phenanthrone	32	UG/KG	E18	E18	E16	E14	E19	E11
Pyrene	35	UG/KG	E19	ND	ND	ND	E17	ND
2,3,5-trimethylnaphthalene	134	UG/KG	ND	ND	ND	ND	ND	ND
Total Base/Neutral Compounds			227	175	172	147	194	112

ND=not detected; NS=not sampled; NA=not analyzed

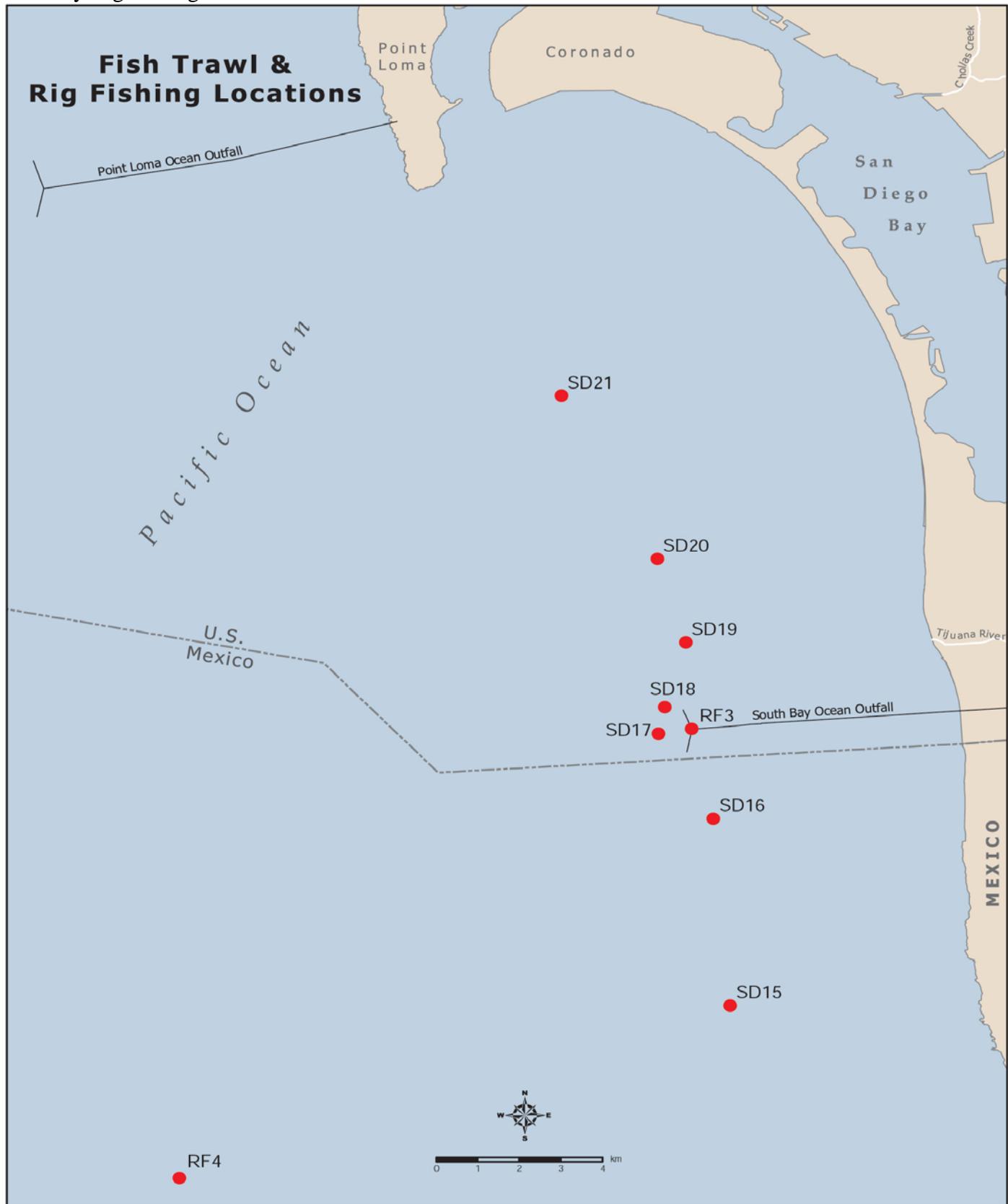
B. Fish Tissue Data.

Fish were taken from the following stations during 2006. The fish were dissected, preserved by freezing, and each sample analyzed for PAHs, trace metals, chlorinated pesticides and PCBs. Lipids and total solids were also determined for each sample.

The reported values are annual averages. Results for individual sampling events are contained in the previously published quarterly reports.

<u>Station</u>	<u>Station</u>
RF-3	SD-15
RF-4	SD-16
	SD-17
	SD-18
	SD-19
	SD-20
	SD-21

## South Bay Rig Fishing and Trawl Stations



SOUTH BAY WATER RECLAMATION PLANT  
 TISSUE - Chlorinated Pesticides  
 From 01-JAN-2006 To 31-DEC-2006

FISH - Lipids & Total Solids

Tissue Analyte	MDL	Units	SD-15 2006	SD-16 2006	SD-17 2006	SD-18 2006	SD-19 2006	SD-20 2006	
			Avg	Avg	Avg	Avg	Avg	Avg	
Liver Lipids	.005	WT%		12.1	15.8	15.1	11.2	17.4	15.0
Liver Total Solids	.4	WT%		31.0	35.6	38.6	30.6	35.3	35.2
Muscle Lipids	.005	WT%				0.8	0.8		
Muscle Total Solids	.4	WT%				20.9	22.0		

ND= not detected  
 NA= not analyzed  
 NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL FISH TISSUE - MUSCLE  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		RF-3	RF-4
Date:		2006	2006
Analyte:	MDL	Units	Average
Aluminum	.58	MG/KG	1.92
Antimony	.48	MG/KG	<0.48
Arsenic	.38	MG/KG	1.28
Beryllium	.003	MG/KG	ND
Cadmium	.029	MG/KG	0.28
Chromium	.08	MG/KG	0.25
Copper	.068	MG/KG	0.23
Iron	.096	MG/KG	7.70
Lead	.3	MG/KG	ND
Manganese	.0071	MG/KG	0.13
Mercury	.03	MG/KG	0.110
Nickel	.094	MG/KG	<0.09
Selenium	.06	MG/KG	0.261
Silver	.057	MG/KG	ND
Thallium	.85	MG/KG	<0.85
Tin	.24	MG/KG	0.91
Zinc	.049	MG/KG	5.82
Total Solids	.4	WT%	20.9
			22.0

ND= not detected  
NA= not analyzed  
NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL FISH TISSUE - LIVER  
Trace Metals

From: 01-JAN-2006 To: 31-DEC-2006

Source:		SD-15	SD-16	SD-17	SD-18	SD-19	SD-20
Date:		2006	2006	2006	2006	2006	2006
Analyte:	MDL	Units	Average	Average	Average	Average	Average
Aluminum	.58	MG/KG	<0.58	1.09	0.79	ND	2.35
Antimony	.48	MG/KG	ND	<0.48	<0.48	<0.48	ND
Arsenic	.38	MG/KG	4.76	3.87	7.03	6.86	6.27
Beryllium	.003	MG/KG	ND	ND	ND	ND	ND
Cadmium	.029	MG/KG	3.22	1.99	3.34	2.91	2.64
Chromium	.08	MG/KG	0.28	0.19	0.61	0.15	0.17
Copper	.068	MG/KG	4.85	3.20	8.24	4.63	5.20
Iron	.096	MG/KG	75	93	116	88	75
Lead	.3	MG/KG	ND	<0.30	<0.30	<0.30	<0.30
Manganese	.0071	MG/KG	1.74	1.33	1.17	1.86	1.22
Mercury	.03	MG/KG	0.080	0.071	0.132	0.108	0.083
Nickel	.094	MG/KG	<0.09	0.17	0.22	<0.09	<0.09
Selenium	.06	MG/KG	0.80	0.90	1.02	0.93	1.02
Thallium	.85	MG/KG	<0.85	1.10	1.12	1.03	1.11
Tin	.24	MG/KG	1.17	1.07	1.12	0.81	1.09
Zinc	.049	MG/KG	45.4	43.7	73.3	61.7	44.7
Total Solids	.4	WT%	31.0	35.6	38.6	30.6	35.3
							35.2

Source:		SD-21	
Date:		2006	
Analyte:	MDL	Units	Average
Aluminum	.58	MG/KG	1.80
Antimony	.48	MG/KG	<0.48
Arsenic	.38	MG/KG	6.42
Beryllium	.003	MG/KG	ND
Cadmium	.029	MG/KG	1.94
Chromium	.08	MG/KG	0.25
Copper	.068	MG/KG	3.84
Iron	.096	MG/KG	78
Lead	.3	MG/KG	<0.30
Manganese	.0071	MG/KG	1.42
Mercury	.03	MG/KG	0.092
Nickel	.094	MG/KG	<0.09
Selenium	.06	MG/KG	0.83
Thallium	.85	MG/KG	1.15
Tin	.24	MG/KG	0.80
Zinc	.049	MG/KG	42.4
Total Solids	.4	WT%	35.0

ND= not detected  
NA= not analyzed  
NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL FISH LIVER - Chlorinated Pesticides

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	SD-15 2006	SD-16 2006	SD-17 2006	SD-18 2006	SD-19 2006
			Avg	Avg	Avg	Avg	Avg
Hexachlorobenzene	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3
BHC, Gamma isomer	167	UG/KG	ND	ND	ND	ND	ND
Heptachlor	33.3	UG/KG	ND	ND	<33.3	ND	<33.3
Aldrin		UG/KG	ND	ND	4.0	ND	ND
Heptachlor epoxide	100	UG/KG	ND	ND	<100.0	ND	ND
o,p-DDE	13.3	UG/KG	<13.3	<13.3	E4.6	<13.3	<13.3
Alpha Endosulfan	167	UG/KG	ND	ND	<167.0	ND	ND
Alpha (cis) Chlordane	13.3	UG/KG	<13.3	<13.3	E20.3	<13.3	<13.3
Trans Nonachlor	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3
p,p-DDE	13.3	UG/KG	94.3	229.0	461.0	310.0	278.0
Dieldrin	13.3	UG/KG	ND	ND	<13.3	ND	ND
o,p-DDD	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3
Endrin	13.3	UG/KG	ND	ND	18.3	ND	ND
o,p-DDT	13.3	UG/KG	ND	<13.3	<13.3	ND	<13.3
p,p-DDD	13.3	UG/KG	E2.2	E3.6	E15.1	E4.1	<13.3
p,p-DDT	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3
Mirex	13.3	UG/KG		ND	<13.3	ND	ND

Analyte	MDL	Units	SD-20 2006	SD-21 2006
			Avg	Avg
Hexachlorobenzene	13.3	UG/KG	<13.3	<13.3
BHC, Gamma isomer	167	UG/KG	ND	ND
Heptachlor	33.3	UG/KG	<33.3	ND
Aldrin		UG/KG	ND	ND
Heptachlor epoxide	100	UG/KG	ND	ND
o,p-DDE	13.3	UG/KG	<13.3	<13.3
Alpha Endosulfan	167	UG/KG	ND	ND
Alpha (cis) Chlordane	13.3	UG/KG	<13.3	<13.3
Trans Nonachlor	13.3	UG/KG	<13.3	<13.3
p,p-DDE	13.3	UG/KG	235.0	392.0
Dieldrin	13.3	UG/KG	ND	ND
o,p-DDD	13.3	UG/KG	<13.3	<13.3
Endrin	13.3	UG/KG	ND	ND
o,p-DDT	13.3	UG/KG	ND	<13.3
p,p-DDD	13.3	UG/KG	<13.3	<13.3
p,p-DDT	13.3	UG/KG	<13.3	<13.3
Mirex	13.3	UG/KG	ND	ND

ND= not detected

NA= not analyzed

NS= not sampled

E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL FISH MUSCLE - Chlorinated Pesticides

From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	RF-3	RF-4
			2006	2006
Hexachlorobenzene	1.33	UG/KG	<1.3	<1.3
BHC, Gamma isomer	3.33	UG/KG	ND	<3.3
Heptachlor	3.33	UG/KG	ND	<3.3
Aldrin	6.67	UG/KG	ND	<6.7
Heptachlor epoxide	6.67	UG/KG	ND	<6.7
o,p-DDE	1.33	UG/KG	<1.3	<1.3
Alpha Endosulfan	33	UG/KG	ND	ND
Alpha (cis) Chlordane	2	UG/KG	ND	<2.0
Trans Nonachlor	2	UG/KG	<2.0	<2.0
p,p-DDE	1.33	UG/KG	3.3	7.8
Dieldrin	1.33	UG/KG	ND	<1.3
o,p-DDD	1.33	UG/KG	ND	ND
Endrin	1.33	UG/KG	ND	<1.3
o,p-DDT	1.33	UG/KG	ND	ND
p,p-DDD	1.33	UG/KG	<1.3	<1.3
p,p-DDT	1.33	UG/KG	<1.3	<1.3
Mirex	1.33	UG/KG	ND	ND

ND= not detected

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E=estimated value, value is less than the Method Detection Limit but confirmed by GC/MS-MS

SOUTH BAY WATER RECLAMATION PLANT  
 FISH LIVER - Analysis of Poly Aromatic Hydrocarbon (PAH)  
 From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	SD-15	SD-16	SD-17	SD-18	SD-19	SD-20
			2006	2006	2006	2006	2006	2006
			Avg	Avg	Avg	Avg	Avg	Avg
Acenaphthene	100	UG/KG	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	UG/KG	ND	ND	ND	ND	ND	ND
Anthracene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[A]anthracene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[A]pyrene	100	UG/KG	ND	ND	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	100	UG/KG	ND	ND	ND	ND	ND	ND
Benzo[K]fluoranthene	100	UG/KG	ND	ND	ND	ND	ND	ND
Biphenyl	100	UG/KG	ND	ND	ND	ND	ND	ND
Chrysene	100	UG/KG	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	100	UG/KG	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND
Fluoranthene	100	UG/KG	ND	ND	ND	ND	ND	ND
Fluorene	100	UG/KG	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	100	UG/KG	ND	ND	ND	ND	ND	ND
1-methylnaphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	100	UG/KG	ND	ND	ND	ND	ND	ND
Naphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND
Perylene	100	UG/KG	ND	ND	ND	ND	ND	ND
Phenanthrene	100	UG/KG	ND	ND	ND	ND	ND	ND
Pyrene	100	UG/KG	ND	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	100	UG/KG	ND	ND	ND	ND	ND	ND

Analyte	MDL	Units	SD-21
			2006
			Avg
Acenaphthene	100	UG/KG	ND
Acenaphthylene	100	UG/KG	ND
Anthracene	100	UG/KG	ND
Benzo[A]anthracene	100	UG/KG	ND
Benzo[A]pyrene	100	UG/KG	ND
3,4-benzo(B)fluoranthene	100	UG/KG	ND
Benzo[e]pyrene	100	UG/KG	ND
Benzo[G,H,I]perylene	100	UG/KG	ND
Benzo[K]fluoranthene	100	UG/KG	ND
Biphenyl	100	UG/KG	ND
Chrysene	100	UG/KG	ND
Dibenzo(A,H)anthracene	100	UG/KG	ND
2,6-dimethylnaphthalene	100	UG/KG	ND
Fluoranthene	100	UG/KG	ND
Fluorene	100	UG/KG	ND
Indeno(1,2,3-CD)pyrene	100	UG/KG	ND
1-methylnaphthalene	100	UG/KG	ND
2-methylnaphthalene	100	UG/KG	ND
1-methylphenanthrene	100	UG/KG	ND
Naphthalene	100	UG/KG	ND
Perylene	100	UG/KG	ND
Phenanthrene	100	UG/KG	ND
Pyrene	100	UG/KG	ND
2,3,5-trimethylnaphthalene	100	UG/KG	ND

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
 ANNUAL FISH MUSCLE - Analysis of Poly Aromatic Hydrocarbon (PAH)  
 From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	RF - 3	RF - 4
			2006	2006
Acenaphthene	30	UG/KG	ND	ND
Acenaphthylene	30	UG/KG	ND	ND
Anthracene	30	UG/KG	ND	ND
Benzo[A]anthracene	30	UG/KG	ND	ND
Benzo[A]pyrene	30	UG/KG	ND	ND
3,4-benzo(B)fluoranthene	30	UG/KG	ND	ND
Benzo[e]pyrene	30	UG/KG	ND	ND
Benzo[G,H,I]perylene	30	UG/KG	ND	ND
Benzo[K]fluoranthene	30	UG/KG	ND	ND
Biphenyl	30	UG/KG	ND	ND
Chrysene	30	UG/KG	ND	ND
Dibenzo(A,H)anthracene	30	UG/KG	ND	ND
2,6-dimethylnaphthalene	30	UG/KG	ND	ND
Fluoranthene	30	UG/KG	ND	ND
Fluorene	30	UG/KG	ND	ND
Indeno(1,2,3-CD)pyrene	30	UG/KG	ND	ND
1-methylnaphthalene	30	UG/KG	ND	ND
2-methylnaphthalene	30	UG/KG	ND	ND
1-methylphenanthrene	30	UG/KG	ND	ND
Naphthalene	30	UG/KG	ND	ND
Perylene	30	UG/KG	ND	ND
Phenanthrene	30	UG/KG	ND	ND
Pyrene	30	UG/KG	ND	ND
2,3,5-trimethylnaphthalene	30	UG/KG	ND	ND

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
 ANNUAL FISH LIVER - Analysis of Poly Chlorinated Biphenyls  
 From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	SD-15 2006 Avg	SD-16 2006 Avg	SD-17 2006 Avg	SD-18 2006 Avg	SD-19 2006 Avg	SD-20 2006 Avg	SD-21 2006 Avg
PCB 18	33.3	UG/KG	ND						
PCB 28	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 49	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	E1.1	<13.3	<13.3
PCB 37	13.3	UG/KG	ND						
PCB 70	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 101	13.3	UG/KG	E2.4	E2.9	<13.3	<13.3	E4.4	E3.9	E13.7
PCB 119	13.3	UG/KG	ND	ND	<13.3	<13.3	<13.3	ND	ND
PCB 87	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 110	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	E13.9
PCB 151	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 77	13.3	UG/KG	ND						
PCB 149	13.3	UG/KG	E2.3	E3.4	<13.3	E3.9	E3.8	<13.3	<13.3
PCB 123	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 118	13.3	UG/KG	E4.2	<13.3	E15.4	<13.3	<13.3	<13.3	E54.0
PCB 114	13.3	UG/KG	ND	ND	ND	ND	ND	ND	<13.3
PCB 153/168	13.3	UG/KG	<13.3	E21.1	E35.1	E25.9	E16.9	E23.8	E90.9
PCB 105	13.3	UG/KG	<13.3	<13.3	E4.3	<13.3	<13.3	<13.3	<13.3
PCB 138	13.3	UG/KG	E5.4	<13.3	E19.8	E15.7	<13.3	E14.2	E61.2
PCB 158	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 187	13.3	UG/KG	E4.3	<13.3	E14.7	<13.3	<13.3	<13.3	E28.7
PCB 183	13.3	UG/KG	<13.3	E2.7	E4.5	E3.2	<13.3	E2.9	<13.3
PCB 126	13.3	UG/KG	ND						
PCB 128	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 167	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 177	13.3	UG/KG	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 156	13.3	UG/KG	ND	<13.3	<13.3	<13.3	<13.3	<13.3	<13.3
PCB 157	13.3	UG/KG	ND	<13.3	<13.3	<13.3	ND	<13.3	<13.3
PCB 180	13.3	UG/KG	E4.7	<13.3	E15.8	<13.3	<13.3	<13.3	E29.9
PCB 170	13.3	UG/KG	<13.3	E4.3	<13.3	<13.3	<13.3	E4.4	E14.2
PCB 169	13.3	UG/KG	ND						
PCB 189	13.3	UG/KG	ND	ND	ND	ND	ND	ND	<13.3
PCB 194	13.3	UG/KG	<13.3	<13.3	E4.9	<13.3	<13.3	<13.3	<13.3
PCB 206	13.3	UG/KG	<13.3	<13.3	E2.3	<13.3	<13.3	<13.3	E3.6

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SOUTH BAY WATER RECLAMATION PLANT  
 ANNUAL FISH MUSCLE - Analysis of Poly Chlorinated Biphenyls  
 From 01-JAN-2006 To 31-DEC-2006

Analyte	MDL	Units	RF-3	RF-4
			2006	2006
			Avg	Avg
PCB 18	1.33	UG/KG	ND	ND
PCB 28	1.33	UG/KG	ND	ND
PCB 49	1.33	UG/KG	<1.3	ND
PCB 37	1.33	UG/KG	ND	ND
PCB 70	1.33	UG/KG	ND	ND
PCB 101	1.33	UG/KG	<1.3	<1.3
PCB 119	1.33	UG/KG	ND	ND
PCB 87	1.33	UG/KG	ND	ND
PCB 110	1.33	UG/KG	ND	<1.3
PCB 151	1.33	UG/KG	ND	ND
PCB 77	1.33	UG/KG	ND	ND
PCB 149	1.33	UG/KG	<1.3	<1.3
PCB 123	1.33	UG/KG	ND	ND
PCB 118		UG/KG	E0.2	E0.3
PCB 114	1.33	UG/KG	ND	ND
PCB 153/168		UG/KG	E0.4	E0.5
PCB 105	1.33	UG/KG	<1.3	<1.3
PCB 138		UG/KG	E0.2	E0.3
PCB 158	1.33	UG/KG	<1.3	ND
PCB 187		UG/KG	E0.2	E0.2
PCB 183	1.33	UG/KG	<1.3	<1.3
PCB 126	1.33	UG/KG	<1.3	ND
PCB 128	1.33	UG/KG	<1.3	<1.3
PCB 167	1.33	UG/KG	<1.3	ND
PCB 177	1.33	UG/KG	<1.3	ND
PCB 156	1.33	UG/KG	<1.3	ND
PCB 157	1.33	UG/KG	<1.3	ND
PCB 180		UG/KG	E0.2	E0.2
PCB 170	1.33	UG/KG	<1.3	<1.3
PCB 169	1.33	UG/KG	ND	ND
PCB 189	1.33	UG/KG	<1.3	ND
PCB 194	1.33	UG/KG	<1.3	ND
PCB 206	1.33	UG/KG	<1.3	ND

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